

NIKA

FROM:  
THE NIKA CORPORATION  
175 WEST JACKSON BOULEVARD  
ROOM A - 1703  
CHICAGO, ILLINOIS 60604

TO:

*Sygen*  
*November 1980*

RETURN POSTAGE GUARANTEED







ENABLING ONLY CONSOLE, DISKS, AND TAPES.

RSTS V7.0 (MT0)

OPTION: DSKINT

10-NOV-80?

09:59 AM? 10:14 AM

DISK? DP

UNIT? 0

PACK ID? NIKI

PACK CLUSTER SIZE? 2

SATT. SYS BASE?

MFD PASSWORD? MFDLIB

MFD CLUSTER SIZE? 16

PRE-EXTEND DIRECTORIES <NO>? YES

PUB, PRI, OR SYS? SYS

LIBRARY PASSWORD? SYSLIB

LIBRARY UFD CLUSTER SIZE? 16

LIBRARY ACCOUNT BASE?

DATE LAST MODIFIED <YES>?

NEW FILES FIRST <NO>?

FORMAT <NO>? YES

PATTERNS? 8

PROCEED (Y OR N)? Y

STARTING FORMAT PASS

SET FORMAT ENABLE SWITCH, THEN TYPE <LF>:

SET FORMAT SWITCH TO NORMAL, THEN TYPE <LF>:

END FORMAT PASS

PATTERN # 8

PATTERN # 7

PATTERN # 6

PATTERN # 5

PATTERN # 4

PATTERN # 3

PATTERN # 2

DP0 ERROR

RPDS

RPER

RPCS

RPWC

RPBA

RPCA

RPDA

160001

000150

100206

177440

075100

000216

007105

RECOVERABLE

PATTERN # 1

OPTION: COPY

10-NOV-80?

11:43 AM?

TO WHICH DISK? DP0:

ENABLING ONLY CONSOLE, DISKS, AND TAPES.

RSTS V7.0 (DP0)

OPTION: IN

SIL? SYSGEN

REBOOTING



RSTS V7.0 (DP0)

OPTION: HARD LIST\T\T

NAME	ADDRESS	VECTOR	COMMENTS
TT:	177560	060	
RP:	176700	254	RP03 UNITS: 0 1
TM:	172520	224	
LP0:	177514	200	
DM0:	170500	300	DH0
DH0:	160020	310	

KW11L 177546 100  
SR 177570  
DR 177570

RTZ = 60.

OTER: SL

OPTION: REF

10-NOV-80?  
11:45 AM?

DISK?

CLEAN?

REFRESH SUBOPTION? LIST

FILE	FILE	CURRENT	MINIMUM	START
NAME	REQUIRED?	FLAGS STATUS	SIZE	SIZE LBN

SYSTEM FILES:

SWAP .SYS	YES	CRE	64	
SWAP0 .SYS	NO	OK		
SWAP1 .SYS	NO	OK		
SWAP3 .SYS	NO	OK		
OVR .SYS	NO	OK	58	
ERR .SYS	NO	OK	16	
BUFF .SYS	NO	OK		
CRASH .SYS	NO	OK	24	

OTHERS:

BADB .SYS	NOD	0		
SATT .SYS	NOD CTG	10	39992	
INIT .SYS	NOD CTG	419		
ERR .ERR	CTG	16	646	
SYSGEN.SIL	NOD CTG	205		
RT11 .RTS	CTG	20	868	

REFRESH SUBOPTION? CHANGE

SWAP.SYS CHANGES? Y

SIZE? 15\*31K



BASE? 35

SWAP0.SYS CHANGES? ^Z

REFRESH SUBOPTION? CHANGE

SWAP.SYS CHANGES? Y

SIZE? 15\*31K

BASE? 38000

SWAP0.SYS CHANGES?

SWAP1.SYS CHANGES?

SWAP3.SYS CHANGES?

OVR.SYS CHANGES?

ERR.SYS CHANGES?

BUFF.SYS CHANGES?

CRASH.SYS CHANGES? Y

SIZE? 50

BASE?

OTHER FILES?

REFRESH SUBOPTION? LIST

FILE NAME	REQUIRED?	FILE FLAGS	STATUS	CURRENT SIZE	MINIMUM SIZE	START LBN
--------------	-----------	---------------	--------	-----------------	-----------------	--------------

SYSTEM FILES:

SWAP .SYS	YES	NOD CTG	OK	1860	64	38000
SWAP0 .SYS	NO		OK			
SWAP1 .SYS	NO		OK			
SWAP3 .SYS	NO		OK			
OVR .SYS	NO		OK		58	
ERR .SYS	NO		OK		16	
BUFF .SYS	NO		OK			
CRASH .SYS	NO	NOD CTG	OK	50	24	888

OTHERS:

BADB .SYS		NOD		0		
SATT .SYS		NOD CTG		10		39992
INIT .SYS		NOD CTG		419		
ERR .ERR		CTG		16		646
SYSGEN.SIL		NOD CTG		205		
RT11 .RTS		CTG		20		868

REFRESH SUBOPTION? EXIT

OPTION: DEF

NO DEFAULTS ARE CURRENTLY SET IN SYSGEN.SIL

501479

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



YOU CURRENTLY HAVE: JOB MAX = 2, SWAP MAX = 16K.

JOB MAX OR SWAP MAX CHANGES? Y

NEW JOB MAX?

NEW SWAP MAX? 28

YOU CURRENTLY HAVE: JOB MAX = 2, SWAP MAX = 28K.

JOB MAX OR SWAP MAX CHANGES?

RUN TIME SYSTEM? RT11

ERROR MESSAGE FILE? ERR

INSTALLATION NAME? \* GEN \*

MEMORY ALLOCATION TABLE:

0K: 00000000 - 00127777 ( 22K) : EXEC  
22K: 00130000 - 00147777 ( 4K) : RTS (RT11)  
26K: 00150000 - 00757777 ( 98K) : USER  
124K: 00760000 - END : NXM

TABLE SUBOPTION? EXIT

YOU CURRENTLY HAVE CRASH DUMP DISABLED.

CRASH DUMP? Y

MAGTAPE LABELLING DEFAULT <NONE>? DOS

PREFERRED CLOCK <L>?

DATE FORMAT <ALPHABETIC>?

TIME FORMAT <AM/PM>?

POWER FAIL DELAY <I>? 60

OPTION: ST

YOU CURRENTLY HAVE: JOB MAX = 2, SWAP MAX = 28K.

JOB MAX OR SWAP MAX CHANGES?

ANY MEMORY ALLOCATION CHANGES?

YOU CURRENTLY HAVE CRASH DUMP ENABLED.

CRASH DUMP?

10-NOV-80?

11:50 AM?

DF0: DISABLED - NO RF: CONTROLLER

DS0: DISABLED - NO RS: CONTROLLER

DS1: DISABLED - NO RS: CONTROLLER

DK0: DISABLED - NO RK: CONTROLLER

DK1: DISABLED - NO RK: CONTROLLER

DK2: DISABLED - NO RK: CONTROLLER

DK3: DISABLED - NO RK: CONTROLLER

DL0: DISABLED - NO RL: CONTROLLER

DL1: DISABLED - NO RL: CONTROLLER

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



DM0: DISABLED - NO RM: CONTROLLER  
DM1: DISABLED - NO RM: CONTROLLER  
DR0: DISABLED - NO RR: CONTROLLER  
DR1: DISABLED - NO RR: CONTROLLER  
DB0: DISABLED - N RB: CONTROLLER  
DB1: DISABLED - NO RB: CONTROLLER  
MM0: DISABLED - N TU: CONTROLLER  
MM1: DISABLED - N TU: CONTROLLER  
MS0: DISABLED - N TS0: CONTROLLER  
MS1: DISABLED - N TS1: CONTROLLER

19 DEVICES DISABLED

?CAN'T FIND FILE OR ACCOUNT  
.R MT0:CREATE.SAV

HELLO 1/2  
PASSWORD:  
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT

.ASSIGN MT0: .DOS

.ASSIGN MT0: IN

.R IN:PIP.SAV  
\*SY:\$. \*(<232>=IN:\$LOGIN.SAV,\$LOGOUT.SAV,\$PIP.SAV  
\*SY:\$. \*(<104>=IN:\$UTILITY.SAV  
\*SY:\$. \*(<104>=IN:\$MACRO.SAV,\$CREF.SAV,\$LINK.SAV  
\*SY:\$. \*(<104>=IN:\$SILUS.SAV,\$HOOK.SAV,\$SYSGEN.SAV  
\*SY:\$. \*(<124>=IN:\$SYSBAT.SAV  
\*SY:\$. \*(<104>=IN:\$ONLPAT.SAV  
\*DK:\$. \*(<40>=IN:\$ERR.STB,\$PIPSAV.TXT  
\*SY:[0,1]\*. \*(<40>=IN:\$TECO.RTS  
\*SY:[0,1]\*. \*/M0:16=SY:[0,1]TECO.RTS  
\*SY:\$. \*(<104>/RTS:TECO=IN:\$TECO.TEC  
\*^C

.DEASSIGN IN

.DEASSIGN MT0:

.R LOGOUT  
CONFIRM: Y  
SAVED ALL DISK FILES; 516 BLOCKS IN USE  
JOB 2 USER 1,2 LOGGED OFF KBI AT 10-NOV-80 11:53 AM  
1 OTHER USER STILL LOGGED IN UNDER THIS ACCOUNT  
SYSTEM RSTS V7.0-07 \* GEN \*  
RUN TIME WAS 5.6 SECONDS  
ELAPSED TIME WAS 1 MINUTE  
GOOD MORNING

501481

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

## BEGINNING OF RSTS/E SYSTEM GENERATION.

QUESTIONS COME IN LONG AND SHORT FORMS.  
IF YOU ARE FAMILIAR WITH THEM, ANSWER  
"S" FOR SHORT; OTHERWISE, ANSWER "L" FOR  
LONG FORM.

FORM ?	#S #	
SAME SYSTEM ?	#Y #	
DISTRIBUTION MEDIUM ?	#MT#	
OUTPUT MEDIUM ?	#SY#	
DELETE FILES ?	#NO#	Y
LP FOR SYSGEN ?	*Y *	N
GENERATE MONITOR ?	#Y #	
MONITOR NAME ?	#RSTS#	
MONITOR PATCHING ?	#??#	N
GENERATE BASIC-PLUS ?	#Y #	
BASIC-PLUS RTS NAME ?	#BASIC#	
BASIC-PLUS PATCHING ?	#??#	N
RSX AS DEFAULT RTS ?	#NO#	Y
RSX PATCHING ?	#??#	N

NOW YOU MUST SPECIFY THE HARDWARE CON-  
FIGURATION ON WHICH THIS RSTS/E SYSTEM  
WILL RUN.

KL11, LC11, DL11A, DL11B'S ?	*01*	
DL11C, DL11D'S ?	*00*	20
DC11'S ?	*00*	19
DL11E'S ?	*00*	18
DJ11'S ?	*00*	17
DH11'S ?	*01*	16
DH11 UNIT 00 LINES ENABLED ?	#16#	15
DATASET SUPPORT FOR DH11'S ?	*Y #	14
DZ11'S ?	*00*	13
PSEUDO KEYBOARDS ?	#04#	12
2741 SUPPORT ?	#NO#	11
		10
		9
		8
		7
		6
		5
		4
		3
		2
		1



MULTI-TERMINAL SERVICE ? #Y # N

ECHO CONTROL ? #Y #

ONE-LINE STATUS REPORT ? #Y #

RF/R511'S ? \*NO\*

R503/R504'S ? \*00\*

RK05'S ? \*00\*

RL01/RL02'S ? \*00\*

RK06/RK07'S ? \*00\*

RP02/RP03'S ? #08# 2

OVERLAPPED SEEK ? #Y \*

RM02/RM03'S ? \*00\*

RP04/RP05/RP06'S ? \*00\*

TU16/TE16/TU45/TU77'S ? \*00\*

TU10/TE10/TS03'S ? #08# 1

TS11'S ? \*00\*

DECTAPES ? \*00\*

TU58'S ? \*00\*

PRINTERS ? \*01# 2

RX01/RX02'S ? \*00\*

CR11/CM11 CARD READER ? \*NO\*

CD11 CARD READER ? \*NO\*

P. T. READER ? \*NO\*

P. T. PUNCH ? \*NO\*

DMC11'S ? \*00\*

KMC11'S ? \*00\*

EXTENDED BUFFERING FOR LP ? #Y # N

2780 SUPPORT ? \*NO\*

LARGE FILES ? #Y #

MAXIMUM JOBS ? #10# 15

SMALL BUFFERS ? #215# 285

SYSTEM WIDE LOGICALS ? #10#

MONITOR STATISTICS ? \*NO# Y

FIP BUFFERING ? #Y #

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

501483

P/N 36-09829

digital

EXTENDED DATA BUFFERING ?

#NO#

DISK DRIVER PHASE ?

#Y#

N

RESIDENT LIBRARIES ?

#Y#

RSX DIRECTIVES ?

#Y#

RESIDENT DISK HANDLING ?

#Y#

RESIDENT SEND/RECEIVE ?

#NO#

RESIDENT SIMPLE SYS CALLS ?

#NO#

RESIDENT FILE DELETE/RENAME ?

#NO#

RES. LOGIN/ATTACH/ATTRIBUTE ?

#NO#

RESIDENT CATALOG/LOOKUP ?

#NO#

THE FOLLOWING QUESTIONS DEAL WITH THE  
BASIC-PLUS RUN-TIME SYSTEM

FPP ?

#NO#

FIS ?

#NO#

MATH PRECISION ?

#02#

LOG FUNCTIONS ?

#Y#

TRIG FUNCTIONS ?

#Y#

PRINT USING ?

#Y#

MATRICES ?

#NO#

STRING ARITHMETIC ?

#NO#

Y

THE SYSTEM GENERATION DIALOG IS FINISHED.  
IF YOU HAVE ANY SPECIAL REQUIREMENTS  
WHICH REQUIRE EDITING THE GENERATED FILE  
CONFIG.MAC(SYSTEM CONFIGURATION FILE) OR  
SYSGEN.CTL(BATCH CONTROL FILE) YOU MAY  
DO IT NOW. WHEN READY TYPE "R SYSBAT".

R SYSBAT

SYSGEN BATCH PROCESSING HAS STARTED.  
IF ANY PROBLEMS DEVELOP DURING THE BATCH  
PROCESS IT MAY BE ABORTED BY TYPING  
"CONTROL/C". TO RESTART TYPE "R SYSBAT".

CC

HELLO 172

PASSWORD:

1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



MOUNT AP-2773G-BC OR BB-H751G-BC OR AP-2772G-BC ON A MAGTAPE DRIVE

WITH NO "WRITE RING" AND SET TO "ON LINE"

MOUNT MT:"SYSGNG"-WRITE LOCKED

UNIT ? 0

. ASSIGN MT0: . DOS

. ASSIGN MT0: TAPE

. R PIP. SAV

\*\* \*(<40>)=TAPE:\$COMMON. MAC

\*\* \*=TAPE:\$\*. MAC/HALT/NOREW

\*SY:\$\*. \*/PR: NOWARN=TAPE:\$SYSLIB. OBJ/NOREW

\*\* \*=TAPE:\$\*. OBJ/HALT/NOREW

\*\* \*(<104>)=TAPE:\$\*. SAV/HALT/NOREW

\*ODT. SAV<60>/RE

\*DEFAULT. SAV<60>/RE

\*\* \*=TAPE:\$\*. STB/HALT/NOREW

\*\* \*(<60>)=TAPE:\$MINCOP. BAS/NOREW

\*CC

DISMOUNT MT0:

. DEASSIGN TAPE

. DEASSIGN MT0:

. ASSIGN SY: IN

. R PIP. SAV

\*TBL. OBJ, TTDINT. OBJ, TTDVR. OBJ/DE: NOWARN

\*TBL. LST, TTDINT. LST, TTDVR. LST/DE: NOWARN

\*RSTS. SAV, TER. SAV, DSK. SAV/DE: NOWARN

\*EMT. SAV, FIP. SAV, RSX. SAV, OVR. SAV/DE: NOWARN

\*RSTS. MAP, TER. MAP, DSK. MAP/DE: NOWARN

\*EMT. MAP, FIP. MAP, RSX. MAP, OVR. MAP/DE: NOWARN

\*RSTS. STB, TER. STB, DSK. STB/DE: NOWARN

\*EMT. STB, FIP. STRSX. STB, OVR. STB/DE: NOWARN

\*NSP. SAV, TRN. SA, XMDVR. SAV, RJ2780. SAV/DE: NOWARN

\*NSP. MAP, TRN. MA, XMDVR. MAP, RJ2780. MAP/DE: NOWARN

\*NSP. STB, TRN. STB, XMDVR. STB, RJ2780. STB/DE: NOWARN

\*CC

. R MACO. SAV

\*TTDVR=IN: COMMOERNEL, DK: CONFIG, IN: CHECK, KBDEF, TTDVR

ERRORS DETECTED: 0

\*CC

. R PIP. SAV

\*TTDVR. MAC/DE

\*CC

. R MACRO. SAV

\*TTDINT=IN: COMMON, KERNEL, DK: CONFIG, IN: CHECK, KBDEF, TTDINT

ERRORS DETECTED: 0

\*CC

. R PIP. SAV

\*KBDEF. MAC, TTDINT. MAC/DE

\*CC

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

501485

. R MACRO. SAV  
\*TBL=IN:COMMON, KERNEL, DK:CONFIG, IN:CHECK, TBL  
ERRORS DETECTED: 0  
\*^C

. R PIP. SAV  
\*KERNEL, MAC, CHECK, MAC, TBL, MAC/DE  
\*^C

. R LINK. SAV  
\*RST5/Z, RST5/A/W, RST5=TBL, #ERR, STB/X/B:0/E:#21640/U:#1000/I/C  
\*TTDINT/C  
\*IN:RST5  
EXTEND SECTION? MORBUF  
ROUND SECTION? MORBUF  
LIBRARY SEARCH? SYDLRG  
LIBRARY SEARCH? BUF  
LIBRARY SEARCH? ALLDSK  
LIBRARY SEARCH? DPSEEK  
LIBRARY SEARCH?  
\*^C

. R LINK. SAV  
\*TER/Z, TER/A/W, TER=IN:TER, DK:RST5, STB/X/B:#117000/U:#1000/I/C  
\*TTDVR/C  
\*IN:RST5  
ROUND SECTION? TERPAT  
LIBRARY SEARCH? TTSTST  
LIBRARY SEARCH?  
\*^C

. R LINK. SAV  
\*EMT/Z, EMT/A/W, EMT=IN:EMT, DK:RST5, STB/X/B:#117000/U:#1000/I/C  
\*IN:RST5  
ROUND SECTION? EMT PAT  
LIBRARY SEARCH? LIB  
LIBRARY SEARCH?  
\*^C

. R LINK. SAV  
\*FIP/Z, FIP/A/W, FIP=IN:FIPLRG, DK:RST5, STB/X/B:#117000/U:#1000/I/C  
\*IN:RST5  
ROUND SECTION? FIP PAT  
LIBRARY SEARCH? OPL  
LIBRARY SEARCH?  
\*^C

. R LINK. SAV  
\*RSX/Z, RSX/A/W, RSX=IN:RSX, DK:EMT, STB/X/B:#117000/U:#1000/C  
\*IN:RST5  
ROUND SECTION? RSXPAT  
\*^C

. R LINK. SAV  
\*OVR/Z, OVR/A/W, OVR=IN:OVR LRG, DK:FIP, STB/X/B:#1000/C  
\*IN:RST5  
\*^C

. R PIP. SAV  
\*TBL, OBJ, TTDINT, OBJ, TTDVR, OBJ/DE  
\*RST5, OBJ, TER, OBJ, DSK, OBJ, XMP, OBJ/DE  
\*EMT, OBJ, FIP SML, OBJ, FIPLRG, OBJ/DE  
\*RSX, OBJ, OVR SML, OBJ, OVR LRG, OBJ/DE  
\*^C

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



.R SILUS.SAV  
\*SY0:[0,1]RSTS.SIL,TT:=RSTS,TER/M,EMT/M,FIP/M/C  
\*RSX/M/C  
\*OVR/M/C

\*IN:ODT,DEFAULT

DIRECTORY OF SIL RSTS .SIL ON 10-NOV-80 AT 12:26 PM

NAME	IDENT	LOAD	SIZE	TRANSFER	TOTAL
RSTS	07.007	000000	076000	000001	16K
TER	07.007	120000	016000	000001	19K
EMT	07.007	120000	020000	000001	23K
FIP	07.007	120000	021000	000001	28K
RSX	07.007	120000	007000	000001	29K
OVR	07.007	002000	070000	000001	43K
ODT	07.007	140000	012522	142524	46K
DEFAULT	07.007	001000	002000	000001	47K

RESIDENT MONITOR SIZE IS 29K (WITH 300 SMALL BUFFERS)

448 SMALL BUFFERS CAN BE ADDED TO THIS SYSTEM (748 TOTAL)

NO SMALL BUFFERS CAN BE ADDED WITHOUT A SIZE CHANGE (300 TOTAL)

\*^C

.RUN LIBR.SAV

\*SY:\$SYSLIB=SY:\$SYSLIB,DK:OVLHD/U

\*^C

.R PIP.SAV

\*RSTS.SAV,RSTS.STB/DE

\*TER.SAV,TER.ST/DE

\*EMT.SAV,EMT.STE

\*FIP.SAV,FIP.STE

\*RSX.SAV,RSX.ST

\*OVR.SAV,OVR.STE

\*ODT.SAV,ODT.ST

\*DEFAULT.SAV,DEF.STB/DE

\*OVLHD.OBJ/DE

\*^C

.R PIP.S \*BASIC.SAV,BASIC.STB/DE:NOWARN

MOUNT AP-2773G-BC OR BB-H751G-BC OR AP-2772G-BC ON A MAGTAPE DRIVE

WITH NO "WRITE RING" AND SET TO "ON LINE"

MOUNT MT:"SYSGNG"-WRITE LOCKED

UNIT ? 0

\*^C

.ASSIGN MT0:.DOS

.ASSIGN MT0:TAPE

.R PIP.SAV

\*\*,\*=TAPE:\$RTS.OBJ

\*\*,\*=TAPE:\$\*.OBJ/HAUT/NOREW

\*^C

DISMOUNT MT0:

.DEASSIGN TAPE

77

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

501487

.DEASSIGN MT0:

12

.R LINK.SAV

\*BASIC/2,BASIC/4/W,BASIC=IN:RTS,DK:\$ERR.STB/X/H:#177776/U:#40007C

\*IN:MA2/C

\*IN:XL2/C

\*IN:XT2/C

\*ISF/C

\*IN:1

\*IN:PU

\*IN:SC

\*IN:V

ROUND STION? PA

\*CC

.R PIP.SAV

\*RTS.OBJ/DE

\*MA2.OBJ,MA2I.OBJ,MA2F.OBJ,MA4.OBJ,MA4F.OBJ,MA4D.OBJ/DE

\*XL2.OBJ,XL2I.OBJ,XL2F.OBJ,XL4.OBJ,XL4F.OBJ/DE

\*XT2.OBJ,XT2I.OBJ,XT2F.OBJ,XT4.OBJ,XT4F.OBJ/DE

\*SF.OBJ,10.OBJ,PU.OBJ,MX.OBJ/DE

\*SN.OBJ,DBG.OBJ,VE.OBJ/DE

\*CC

.R SILUS.SAV

\*BASIC:RTS,IT:=BASIC

DIRECTORY OF SIL BASIC .RTS ON 10-NOV-80 AT 12:28 PM

NAME	IDENT	LOAD	SIZE	TRANSFER	TOTAL
------	-------	------	------	----------	-------

BASIC	07.007	100000	077776	000001	16K
-------	--------	--------	--------	--------	-----

\*CC

.R PIP.SAV

\*BASIC.SAV/BASIC.STB/DE

\*CC

.DEASSIGN IN

MOUNT AP-2773G-BC OR BB-H751G-BC OR AP-2772G-BC ON A MAGTAPE DRIVE

WITH NO WRITE RING AND SET TO ON LINE

MOUNT MT:"SYSNGG"-WRITE LOCKED

UNIT ? 0

.ASSIGN MT0:.DOS

.ASSIGN MT0:IN

.R PIP.SAV

\*\*.\* =IN:\$RSX.RTS

\*\*.\* CSP=IN:\$MINCOP.TSK

\*\*.\* CSP=IN:\$PATCPY.TSK

\*\*.\* CSP=IN:\$LOGIN.TSK

\*\*.\* CSP=IN:\$BUILD.TSK

\*\*.\* CSP=IN:\$ATPK.TSK

\*\*.\* CSP=IN:\$CPATCH.TSK

\*\*.\* CSP=IN:\$AUTOED.TSK

\*CC

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2



DISMOUNT MT0:  
.DEASSIGN IN

.DEASSIGN MT0:

.R PIP.SAV

\*SY0:[0,1]\*.\*7MODE:16.=BASIC.RTS  
\*^C

.R PIP.SAV

\*SY0:[0,1]\*.\*7MODE:16.=RSX.RTS  
\*SY:\$PATCOPY.TSK<124>/RTS:RSX/PR:NOWARN=PATCOPY.CSP  
\*SY:\$LOGIN.TSK<232>/RTS:RSX/PR:NOWARN=LOGIN.CSP  
\*SY:\$BUILD.TSK<124>/RTS:RSX/PR:NOWARN=BUILD.CSP  
\*SY:\$ATPK.TSK<124>/RTS:RSX/PR:NOWARN=ATPK.CSP  
\*SY:\$CPATCH.TSK<124>/RTS:RSX/PR:NOWARN=CPATCH.CSP  
\*SY:\$AUTOED.TSK<124>/RTS:RSX/PR:NOWARN=AUTOED.CSP  
\*BASIC.RTS/DE  
\*^C

.R PIP.SAV

\*RSX.RTS/DE  
\*MINCOP.BAS/DE  
\*MINCOP.CSP/DE  
\*LOGIN.CSP,BUILD.CSP,ATPK.CSP/DE  
\*PATCOPY.CSP,CPATCH.CSP,AUTOED.CSP/DE  
\*^C

.R LOGOUT

CONFIRM: Y  
SAVED ALL DISK FILES; 1186 BLOCKS IN USE  
JOB 2 USER 1,2 LOGGED OFF KB1 AT 10-NOV-80 12:30 PM  
1 OTHER USER STILL LOGGED IN UNDER THIS ACCOUNT  
SYSTEM RSTS V7.0-07 \* GEN \*  
RUN TIME WAS 12 MINUTES, 20.2 SECONDS  
ELAPSED TIME WAS 23 MINUTES  
GOOD AFTERNOON

BATCH JOB COMPLETED.

.R PJP

\*.\*7RTS:RSX=MT0:[1,2]RMSRST.TSK/BL  
\*RMSRT  
XND FILES MATCHING RMSRT .??? - CONTINUING  
\*STCU  
RMSRST.TSK/DIR

NAME	EXT	SIZE	PROT	DATE	SY:[1,2]
RMSRST.TSK		176	< 60>	10-NOV-80	

TOTAL OF 176 BLOCKS IN 1 FILE IN SY:[1,2]

\*RMSRST.TSK<124>/RTS:RSX=RMSRST.TSK  
\*RMSRST.TSK/DIR

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

501489

TOTAL OF 176 BLOCKS IN 1 FILE IN SY:[1,2]

\*02

.R SHUTUPCU

R UTILITY

\*NO LOGINS

\*SHUTUP

RSTS V7.0-07 \* GEN \* (DP0)

OPTION: IN

SIL <SYSGEN>? RSTS

OPTION: HARD LIST

NAME	ADDRESS	VECTOR	COMMENTS
TT:	177560	060	
RP:	176700	254	RP03 UNITS: 0 1
TM:	172520	224	
LP0:	177514	200	
DM0:	170500	300	DH0
DH0:	160020	310	
KWILL	177546	100	
SR	177570		
R	177570		

2 = 50.

OTHR: SL

OPTION: SET

SET SUBOPTION? LIST ALL

NAME CONTROL COMMENTS

DP0	RP:	
DP1	RP:	
KB0	TT:	
KB1	PK0:	
KB2	PK1:	
K3	PK2:	
KB	PK3:	
KB5	H0:0	
KB6	DH0:1	
KB7	DH0:2	
KB	DH0:3	
KB9	DH0:4	
KB1	DH0:5	
KB1	DH0:6	
KB1	DH0:7	
KB1	DH0:8	
KB	DH0:9	
KB1	DH0:10	
KB	DH0:11	

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



KB DH0:12  
KB DH0:13  
KB DH0:14  
KB DH0:15  
NL  
PK0

PK2

KBP0 LP NOOTCR, CR, NOEOT, FILL, NOCONTROL, NOVTA, BSEMULATE, WIDTH 80  
LP1 LP1: NOMITCR, CR, NOEOT, FILL, NOCONTROL, NOVTA, BSEMULATE, WIDTH 80  
MT0 TM:

SET SUBOPTION? EXIT

OPTION: FILL

FILL COUNT? LAB05

OPTION: HARD LIST

NAME	ADDRESS	VECTOR	COMMENTS
TT:	177560	060	
RP:	176700	254	RP03 UNITS: 0 1
TM:	172520	224	
LP0:	177514	200	
DM0:	170500	300	DH0
DH0:	160020	310	

KW11L 177546 100  
SR 177570  
DR 177570

HERTZ = 60.

OTHER: SL

OPTION: SET LIST ALL

NAME CONTROL COMMENTS

DP0 RP:  
DP1 RP:  
KB0 TT:  
KB1 PK0:  
KB2 PK1:  
KB3 PK2:  
KB4 PK3:  
KB5 DH0:0  
KB6 DH0:1  
KB7 DH0:2  
KB8 DH0:3  
KB9 DH0:4  
KB10 DH0:5  
KB11 DH0:6  
KB12 DH0:7  
KB13 DH0:8  
KB14 DH0:9  
KB15 DH0:10  
KB16 DH0:11  
KB17 DH0:12  
KB18 DH0:13  
KB19 DH0:14  
KB20 DH0:15

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

NL0  
PK0  
PK1  
PK2  
PK3  
LP0  
LP1  
MT0

LP0: NOOMITCR, CR, NOEOT, FILL, NOCONTROL, NOVTAB, BSEMULATE, WIDTH 80  
LP1: NOOMITCR, CR, NOEOT, FILL, NOCONTROL, NOVTAB, BSEMULATE, WIDTH 80  
TM:

OPTION: SET LP

UNIT? 0  
TYPE (NOOMITCR, CR, NOEOT, FILL, NOCONTROL, NOVTAB, BSEMULATE)? LP  
WIDTH (80)? 132  
LOWER CASE (NO)? YES

UNIT?

OPTION: REF

10-NOV-80?  
12:46 PM?

DISK?

CLEAN?

REFRESH SUBOPTION? LIST

FILE	FILE	CURRENT	MINIMUM	START
NAME	REQUIRED? FLAGS STATUS	SIZE	SIZE	LBN

SYSTEM FILES:

SWAP .SYS	YES	NOD CTG	OK	1860	64	38000
SWAP0 .SYS	NO		OK			
SWAP1 .SYS	NO		OK			
SWAP3 .SYS	NO		OK			
OVR .SYS	NO		OK		58	
ERR .SYS	NO		OK		16	
BUFF .SYS	NO		OK			
CRASH .SYS	NO	NOD CTG	OK	50	37	888

OTHERS:

BADB .SYS		NOD		0		
SATT .SYS		NOD CTG		10		19992
INIT .SYS		NOD CTG		419		
ERR .ERR		CTG		16		646
SYSGEN .SIL		CTG		205		
RT11 .RTS		CTG		20		868
TECO .RTS		CTG		39		1486
RSTS .SIL		NOD CTG		281		2328
BASIC .RTS		CTG		73		2200
RSX .RTS		CTG		16		2274

REFRESH SUBOPTION? CHANGE

SWAP .SYS CHANGES?

SWAP0 .SYS CHANGES?

SWAP1 .SYS CHANGES?

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



SWAP3.SYS CHANGES?

OVR.SYS CHANGES?

ERR.SYS CHANGES?

BUFF.SYS CHANGES?

CRASH.SYS CHANGES? Y

DELETE? N

SIZE? 37

BASE?

OTHER FILES?

REFRESH SUBOPTION? LIST

FILE	FILE	CURRENT	MINIMUM	START	
NAME	REQUIRED?	FLAGS STATUS	SIZE	SIZE	LBN

SYSTEM FILES:

SWAP	.SYS	YES	NOD CTG	OK	1860	64	38000
SWAP0	.SYS	NO		OK			
SWAP1	.SYS	NO		OK			
SWAP3	.SYS	NO		OK			
OVR	.SYS	NO		OK		58	
ERR	.SYS	NO		OK		16	
BUFF	.SYS	NO		OK			
CRASH	.SYS	NO	NOD CTG	OK	37	37	888

OTHERS:

BADB	.SYS		NOD		0		
SATT	.SYS		NOD CTG		10		39992
INIT	.SYS		NOD CTG		419		
ERR	.ERR		CTG		16		646
SYSGEN	.SIL		CTG		205		
RT11	.RTS		CTG		20		868
TECO	.RTS		CTG		39		1486
RSTS	.SIL		NOD CTG		281		2328
BASIC	.RTS		CTG		73		2200
RSX	.RTS		CTG		16		2274

REFRESH SUBOPTION?

OPTION: DEF

NO DEFAULTS ARE CURRENTLY SET IN RSTS.SIL

YOU CURRENTLY HAVE: JOB MAX = 15, SWAP MAX = 16K.

JOB MAX OR SWAP MAX CHANGES? Y

NEW JOB MAX?

NEW SWAP MAX? 31.

YOU CURRENTLY HAVE: JOB MAX = 15, SWAP MAX = 31K.

17

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

501493

RUN TIME SYSTEM? RSX

ERROR MESSAGE FILE? ERR

INSTALLATION NAME? \* NIKK CORP \*

MEMORY ALLOCATION TABLE:

0K: 00000000 - 00163777 ( 29K) : EXEC  
29K: 00164000 - 00177777 ( 3K) : RTS (RSX)  
32K: 00200000 - 00757777 ( 92K) : USER  
124K: 00760000 - END : NXM

TABLE SUBOPTION? XBUF

EXTENDED BUFFER ADDRESS RANGE IS? 32K+8

TABLE SUBOPTION? LIST

MEMORY ALLOCATION TABLE:

0K: 00000000 - 00163777 ( 29K) : EXEC  
29K: 00164000 - 00177777 ( 3K) : RTS (RSX)  
32K: 00200000 - 00237777 ( 8K) : XBUF  
40K: 00240000 - 00757777 ( 84K) : USER  
124K: 00760000 - END : NXM

TABLE SUBOPTION? EXIT

YOU CURRENTLY HAVE CRASH DUMP DISABLED.

CRASH DUMP? Y

MAGTAPE LABELLING DEFAULT &lt;NONE&gt;? DOS

PREFERRED CLOCK &lt;L&gt;?

DATE FORMAT &lt;ALPHABETIC&gt;?

TIME FORMAT &lt;AM/PM&gt;?

POWER FAIL DELAY &lt;1&gt;? 90

OPTION: SET DISABLE

DEVICE? LP

UNIT? 1

UNIT? 2

DEVICE? Z

OPTION: SET LIST LP

NAME CONTROL COMMENTS

LP0 LP0: LP, WIDTH 132, LOWER CASE

LP1 LP1: DISABLED NOOMITCR, CR, NOBOT, FILL, NOCONTROL, NOVTA, BSEMULATE, WIDTH

OPTION: ST

YOU CURRENTLY HAVE: JOB MAX = 15, SWAP MAX = 31K.



JOB MAX OR SWAP MAX CHANGES?

ANY MEMORY ALLOCATION CHANGES?

YOU CURRENTLY HAVE CRASH DUMP ENABLED.

CRASH DUMP?

10-NOV-80?

12:55 PM?

?CAN'T FIND FILE OR ACCOUNT

>RUN RMSRST

RST>HELP

# RMS-11 RESTORE UTILITY

FUNCTION: RESTORE BACKUP FILES

FORMAT: RST OUTFILE[OPTIONS]=INFILE[OPTIONS][, INFILE[OPTIONS]. . ]

THE OUTFILE FILE-NAME AND EXTENSION MUST BE WILD CARDS,  
THAT IS, \*.\*

GLOBAL OPTIONS:

? OR HELP TELP MESSAGES  
ID ITIFY CURRENT VERSION NUMBER  
QU EBLE QUERY MODE  
SL:FILESPEC PVIDE SUMMARY LISTING FILE

OUTFILE OPTIONS:

FR CHANGE PROTECTION CODES  
SU SPERSEDE EXISTING FILE

INFILE OPTIONS:

BD:DD-MMM-YY REFILES BASED ON DATE OF BACKUP  
OR:IN,MJ SLECT FILES BASED ON ORIGINAL ACCOUNT  
SE:FILESPEC SECT SPECIFIED FILE(S) FOR RESTORATION  
SE:(FILSPEC,...) ON BACKUP CONTAINER FILE

RST>[1,2]\*.\*7SU=MT0:BUILD.SY

RST>^Z

>RUN \$DIRECT

DIRECT V7.0-07E RSTS V7.0-07 \* NIKH CORP \*

#[1,2]U

^Z

>RUN \$TTYSET

TTYSET V7.0-07A RSTS V7.0-07 \* NIKH CORP \*

TERMINAL CHARACTERISTICS PROGRAM

? SET FILL LA305

?ILLEGAL COMMAND - SET FILL LA305

? FILL LA305

? ^Z

>RUN \$DIRECT

DIRECT V7.0-07E RSTS V7.0-07 \* NIKH CORP \*

#[1,2]U/S

NAME	EXT	SIZE	PROT	ACCESS	DATE	TIME	CLU	RTS	POS
SY:[1,2]									
CREATE.LOG		3	<60>	10-NOV-80	10-NOV-80	11:52 AM	2	RT11	571
LOGIN.SAV		13	<232>	10-NOV-80	10-NOV-80	11:52 AM	2	RT11	476
LOGOUT.SAV		11	<232>	10-NOV-80	10-NOV-80	11:52 AM	2	RT11	469
PIP.SAV		50	<232>	10-NOV-80	10-NOV-80	11:52 AM	2	RT11	475
UTILITY.SAV		21	<104>	10-NOV-80	10-NOV-80	11:52 AM	2	RT11	507
MACRO.SAV		57	<104>	10-NOV-80	10-NOV-80	11:52 AM	2	RT11	518
CREF.SAV		8	<104>	10-NOV-80	10-NOV-80	11:52 AM	2	RT11	547
LINK.SAV		40	<104>	10-NOV-80	10-NOV-80	11:52 AM	2	RT11	551
SILUS.SAV		21	<104>	10-NOV-80	10-NOV-80	11:52 AM	2	RT11	572
HOOK.SAV		27	<104>	10-NOV-80	10-NOV-80	11:52 AM	2	RT11	583

SYSGEN.SAV	139	<104>	10-NOV-80	10-NOV-80	11:52 AM	2	RT11	597	
SYSBAT.SAV	17	<124>	10-NOV-80	10-NOV-80	11:52 AM	2	RT11	667	
ONLPAT.SAV	59	<104>	10-NOV-80	10-NOV-80	11:52 AM	2	RT11	676	
ERR .STB	3	< 40>	10-NOV-80	10-NOV-80	11:52 AM	2	RT11	706	
PIPSAV.TXT	29	< 40>	10-NOV-80	10-NOV-80	11:52 AM	2	RT11	708	
TECO .TEC	9	<104>	10-NOV-80	10-NOV-80	11:53 AM	2	TECO	723	
CONFIG.MAC	7	< 60>	10-NOV-80	10-NOV-80	12:00 PM	2	RT11	729	
SYSGEN.CTL	8	< 60>	10-NOV-80	10-NOV-80	12:05 PM	2	RT11	733	
SYSGEN.LOG	18	< 60>	10-NOV-80	10-NOV-80	12:07 PM	2	RT11	737	
COMMON.MAC	31	< 40>	10-NOV-80	10-NOV-80	12:08 PM	2	RT11	738	
LJBR .SAV	21	<104>	10-NOV-80	10-NOV-80	12:10 PM	2	RT11	1430	
PATCH .SAV	12	<104>	10-NOV-80	10-NOV-80	12:10 PM	2	RT11	1441	
PAT .SAV	9	<104>	10-NOV-80	10-NOV-80	12:10 PM	2	RT11	1447	
RSTS .MAP	38	< 60>	10-NOV-80	10-NOV-80	12:21 PM	2	RT11	774	
TER .MAP	35	< 60>	10-NOV-80	10-NOV-80	12:21 PM	2	RT11	833	
ENT .MAP	29	< 60>	10-NOV-80	10-NOV-80	12:22 PM	2	RT11	925	
FIP .MAP	33	< 60>	10-NOV-80	10-NOV-80	12:22 PM	2	RT11	997	
RSX .MAP	28	< 60>	10-NOV-80	10-NOV-80	12:23 PM	2	RT11	1024	
QVR .MAP	42	< 60>	10-NOV-80	10-NOV-80	12:24 PM	2	RT11	1581	
SYSLIB.OBJ	2	< 60>	10-NOV-80	10-NOV-80	12:26 PM	2	RT11	849	
BASIC .MAP	17	< 60>	10-NOV-80	10-NOV-80	12:27 PM	2	RT11	962	
RNRST.TSK	176	<124>	10-NOV-80	10-NOV-80	12:37 PM	2	RSX	900	
GENBLD.LOG	82	< 60>	09-NOV-80	09-NOV-80	02:26 PM	2	BASIC	463	
CPATCH.TSK	500	<124>	09-NOV-80	09-NOV-80	02:28 PM	2	RSX	1038	
RF:FIX=512	FO:SEQ	USED:51:0					RECST:512		
AUTOED.TSK	520	<124>	09-NOV-80	09-NOV-80	02:30 PM	2	RSX	1063	
RF:FIX=512	FO:SEQ	USED:53:0					RECST:512		
BUILD .TSK	850	<124>	09-NOV-80	09-NOV-80	02:37 PM	2	RSX	1339	
RF:FIX=512	FO:SEQ	USED:86:0					RECST:512		
ALPK .TSK	510	<124>	09-NOV-80	09-NOV-80	02:40 PM	2	RSX	1382	
RF:FIX=512	FO:SEQ	USED:92:0					RECST:512		
LOGIN .TSK	530	<232>	09-NOV-80	09-NOV-80	02:43 PM	2	RSX	1312	
RF:FIX=512	FO:SEQ	USED:54:0					RECST:512		
LOGOUT.TSK	460	<232>	09-NOV-80	09-NOV-80	02:45 PM	2	RSX	1478	
RF:FIX=512	FO:SEQ	USED:47:0					RECST:512		
PATCPY.TSK	520	<124>	09-NOV-80	09-NOV-80	02:47 PM	2	RSX	1501	
RF:FIX=512	FO:SEQ	USED:53:0					RECST:512		
PBUILD.TSK	470	<124>	09-NOV-80	09-NOV-80	02:49 PM	2	RSX	1536	
RF:FIX=512	FO:SEQ	USED:48:0					RECST:512		
UTILITY.TSK	760	<124>	09-NOV-80	09-NOV-80	02:54 PM	2	RSX	1647	
RF:FIX=512	FO:SEQ	USED:77:0					RECST:512		
INIT .TSK	530	<124>	09-NOV-80	09-NOV-80	02:57 PM	2	RSX	1612	
RF:FIX=512	FO:SEQ	USED:54:0					RECST:512		
SHUTUP.TSK	510	<124>	09-NOV-80	09-NOV-80	02:59 PM	2	RSX	1685	
RF:FIX=512	FO:SEQ	USED:52:0					RECST:512		
DIRECT.TSK	760	<232>	09-NOV-80	09-NOV-80	03:08 PM	2	RSX	1711	20
RF:FIX=512	FO:SEQ	USED:77:0					RECST:512		19
TTYSET.TSK	710	<232>	09-NOV-80	09-NOV-80	03:11 PM	2	RSX	1749	18
RF:FIX=512	FO:SEQ	USED:72:0					RECST:512		17
SYSTAT.TSK	660	<232>	09-NOV-80	09-NOV-80	03:15 PM	2	RSX	1785	16
RF:FIX=512	FO:SEQ	USED:67:0					RECST:512		15
EDIT .TSK	390	<104>	09-NOV-80	09-NOV-80	03:16 PM	2	RSX	878	14
RF:FIX=512	FO:SEQ	USED:40:0					RECST:512		13
EDITCH.TSK	440	<104>	09-NOV-80	09-NOV-80	03:17 PM	2	RSX	1408	12
RF:FIX=512	FO:SEQ	USED:45:0					RECST:512		11
ODT .TSK	530	<124>	09-NOV-80	09-NOV-80	03:35 PM	2	RSX	1818	10
RF:FIX=512	FO:SEQ	USED:54:0					RECST:512		9
REACT .TSK	380	<124>	09-NOV-80	09-NOV-80	03:36 PM	2	RSX	1145	8
RF:FIX=512	FO:SEQ	USED:39:0					RECST:512		7
REORDR.TSK	760	<124>	09-NOV-80	09-NOV-80	03:38 PM	2	RSX	1845	6
RF:FIX=512	FO:SEQ	USED:77:0					RECST:512		5
DSKINT.TSK	660	<124>	09-NOV-80	09-NOV-80	03:42 PM	2	RSX	1883	4
RF:FIX=512	FO:SEQ	USED:67:0					RECST:512		3
UNOUNT.TSK	540	<232>	09-NOV-80	09-NOV-80	03:44 PM	2	RSX	1916	2
RF:FIX=512	FO:SEQ	USED:55:0					RECST:512		1
COPY .TSK	500	<104>	09-NOV-80	09-NOV-80	03:46 PM	2	RSX	1943	

P/N 36-09829

digital



501497

C

21

RF:FIX=512	FO:SEQ	USED:51:0	RECSI:512
FILCOM.TSK	700	<104> 09-NOV-80	09-NOV-80 03:49 PM 2 RSX 1968
RF:FIX=512	FO:SEQ	USED:71:0	RECSI:512
QUOLST.TSK	350	<232> 09-NOV-80	09-NOV-80 03:50 PM 2 RSX 1560
RF:FIX=512	FO:SEQ	USED:36:0	RECSI:512
MONEY.TSK	390	<104> 09-NOV-80	09-NOV-80 03:51 PM 2 RSX 2003
RF:FIX=512	FO:SEQ	USED:40:0	RECSI:512
GRPE.TSK	360	<232> 09-NOV-80	09-NOV-80 03:52 PM 2 RSX 2023
RF:FIX=512	FO:SEQ	USED:37:0	RECSI:512
TALK.TSK	310	<232> 09-NOV-80	09-NOV-80 03:52 PM 2 RSX 2041
RF:FIX=512	FO:SEQ	USED:32:0	RECSI:512
PLEASE.TSK	370	<232> 09-NOV-80	09-NOV-80 03:53 PM 2 RSX 2057
RF:FIX=512	FO:SEQ	USED:38:0	RECSI:512
INUSE.TSK	310	<104> 09-NOV-80	09-NOV-80 03:53 PM 2 RSX 2076
RF:FIX=512	FO:SEQ	USED:32:0	RECSI:512
SWITCH.TSK	320	<232> 09-NOV-80	09-NOV-80 03:54 PM 2 RSX 2092
RF:FIX=512	FO:SEQ	USED:33:0	RECSI:512
ONLCN.SAV	73	<124> 09-NOV-80	09-NOV-80 03:54 PM 2 RT11 828
NOTICE.TXT	1	< 40> 09-NOV-80	09-NOV-80 03:54 PM 2 RT11 1093
HELP.TXT	1	< 40> 09-NOV-80	09-NOV-80 03:54 PM 2 RT11 1094
START.CTL	1	< 60> 09-NOV-80	09-NOV-80 03:54 PM 2 RT11 1095
TTY.CMD	1	< 60> 09-NOV-80	09-NOV-80 03:54 PM 2 RT11 1096
RTS.CMD	1	< 60> 09-NOV-80	09-NOV-80 03:54 PM 2 RT11 1097
CCL.CMD	4	< 60> 09-NOV-80	09-NOV-80 03:54 PM 2 RT11 1098
CRASH.CTL	1	< 60> 09-NOV-80	09-NOV-80 03:54 PM 2 RT11 1305
ANALYS.CMD	1	< 60> 09-NOV-80	09-NOV-80 03:54 PM 2 RT11 1306
CLEAN.CMD	1	< 60> 09-NOV-80	09-NOV-80 03:54 PM 2 RT11 1307
UTILITY.HLP	20	< 60> 09-NOV-80	09-NOV-80 03:54 PM 2 RT11 1308
DIRECT.HLP	3	< 40> 09-NOV-80	09-NOV-80 03:54 PM 2 RT11 1458
ACCT.SYS	1	<188> 09-NOV-80	09-NOV-80 03:54 PM 2 RT11 1460
COPY.HLP	3	< 40> 09-NOV-80	09-NOV-80 03:54 PM 2 RT11 1461

TOTAL OF 2767 BLOCKS IN 77 FILES IN SY:[1,2]

#^Z  
>RUN \$TTYSET  
TTYSET V7.0-07A RSTS V7.0-07 \* NIKH CORP \*  
TERMINAL CHARACTERISTICS PROGRAM

?^Z  
>RUN \$^U  
RUN \$UTILITY  
UTILITY V7.0-07B RSTS V7.0-07 \* NIKH CORP \*  
#LOGINS  
#EXIT

>RUN \$TTYSET  
TTYSET V7.0-07A RSTS V7.0-07 \* NIKH CORP \*  
TERMINAL CHARACTERISTICS PROGRAM  
? SET KB8:/LA120/SPEED 4800  
?ILLEGAL COMMAND - SET KB8:  
? SE^U

KB0  
?ILLEGAL COMMAND - KB0  
? KB8:/LA36/SPEED 4800/LC INPUT  
FOR KB8:? LIST  
CURRENT SETTINGS:  
NO TAB NO FORM LC OUTPUT  
NO XON FULL DUPLEX NO SCOPE  
LC INPUT STALL UPARROW  
NO ESC SEQ ESC CTRL/R  
RESUME CTRL/C NO PARITY NO FILL  
WIDTH 132 NO DELIMITER SPEED 4800

FOR KB8:? LA120/FORM  
FOR KB8:? LIST  
CURRENT SETTINGS:

TAB FORM LC OUTPUT  
NO XON FULL DUPLEX NO SCOPE

P/N 36-09829

clitall

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

LC INPUT STALL UPARROW  
NO ESC SEQ ESC CTRL/R  
RESUME CTRL/C NO PARITY NO FILL  
WIDTH 132 NO DELIMITER SPEED 4800

22

FOR KB8:? NO FORM

FOR KB8:? EXZOU

LIST

CURRENT SETTINGS:

TAB NO FORM LC OUTPUT  
NO XON FULL DUPLEX NO SCOPE  
LC INPUT STALL UPARROW  
NO ESC SEQ ESC CTRL/R  
RESUME CTRL/C NO PARITY NO FILL  
WIDTH 132 NO DELIMITER SPEED 4800

FOR KB8:? EXIT

>RUN \$PACPY

PACPY V7.0-07 RSTS V7.0-07 \* NIKH CORP \*

ENTER DISTRIBUTION DEVICE/PPN<SY:[1,2]>: MT0 [1,2]

ENTER OUTPUT DEVICE/PPN<SY:[200,200]>:

CAN'T FIND FILE OR ACCOUNT = SY:[200,200]

ATTEMPT TO CREATE ACCOUNT SY:[200,200] <NO>? YES

ACCOUNT SY:[200,200] CREATED WITH YOUR PASSWORD

PACKAGES TO PATCH? ALL

COPYING MT0:[1,2]PATCHC.DOC TO SY:[200,200]PATCHC.DOC

COPYING MT0:[1,2]PACPY.BAS TO SY:[200,200]PACPY.BAS

COPYING MT0:[1,2]INIT.CMD TO SY:[200,200]INIT.CMD

COPYING MT0:[1,2]PA0101.001 TO SY:[200,200]PA0101.001

COPYING MT0:[1,2]PA0101.002 TO SY:[200,200]PA0101.002

COPYING MT0:[1,2]PA0101.003 TO SY:[200,200]PA0101.003

COPYING MT0:[1,2]SYSGEN.CMD TO SY:[200,200]SYSGEN.CMD

COPYING MT0:[1,2]MONITR.CMD TO SY:[200,200]MONITR.CMD

COPYING MT0:[1,2]PA0301.001 TO SY:[200,200]PA0301.001

COPYING MT0:[1,2]PA0301.002 TO SY:[200,200]PA0301.002

COPYING MT0:[1,2]PA0301.003 TO SY:[200,200]PA0301.003

COPYING MT0:[1,2]PA0303.001 TO SY:[200,200]PA0303.001

COPYING MT0:[1,2]PA0303.002 TO SY:[200,200]PA0303.002

COPYING MT0:[1,2]PA0303.003 TO SY:[200,200]PA0303.003

COPYING MT0:[1,2]PA0303.004 TO SY:[200,200]PA0303.004

COPY^O

703 FILES COPIED

COPY OPERATION COMPLETE

>RUN \$RMSOU

RUN \$REACT

REACT V7.0-07 RSTS V7.0-07 \* NIKH CORP \*

SYSTEM ACCOUNT MANAGER

FUNCTION? E

PROJ, PROG? 1,6

DISK:PASSWORD? ERROR

QUOTA?

CLUSTER SIZE? 16

ACCOUNT NAME? ERROR PACKAGE

PROJ, PROG? ^Z

>RUN RMSRS1

RST>SY:[1,6]\*.\*?SU=MT0:ERROR.SY

RST>^Z

>RUN \$DIRECT

DIRECT V7.0-07E RSTS V7.0-07 \* NIKH CORP \*

#11,61/8

NAME .EXT	SIZE	PROT	ACCESS	DATE	TIME	CLU	RTS	POS
SY:[1,6]								
ERRBLD.TSK	610	<124>	09-NOV-80	09-NOV-80	03:01 PM	2	RSX	3249
RF:FIX=512	FO:SEQ	USED:62:0						
ERRDAT.FIL	67	<60>	09-NOV-80	09-NOV-80	03:01 PM	2	RSX	3234
ERRINT.TSK	420	<124>	09-NOV-80	09-NOV-80	03:02 PM	2	RSX	3307
RF:FIX=512	FO:SEQ	USED:43:0						

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



501499

23

```
ERRCPY.TSK      360  <124> 09-NOV-80 09-NOV-80 03:03 PM  2 RSX      3328
RF:FIX=512  FO:SEQ  USED:37:0      RECSI:512
ERRDIS.TSK      550  <124> 09-NOV-80 09-NOV-80 03:20 PM  2 RSX      3346
RF:FIX=512  FO:SEQ  USED:56:0      RECSI:512
ERRDET.TSK      540  <124> 09-NOV-80 09-NOV-80 03:23 PM  2 RSX      3374
RF:FIX=512  FO:SEQ  USED:55:0      RECSI:512
ANALYS.TSK      830  <124> 09-NOV-80 09-NOV-80 03:29 PM  2 RSX      3401
RF:FIX=512  FO:SEQ  USED:84:0      RECSI:512
ANALY1.TSK      710  <124> 09-NOV-80 09-NOV-80 03:33 PM  2 RSX      3443
RF:FIX=512  FO:SEQ  USED:72:0      RECSI:512
ERRDIS.HLP        6  < 60> 09-NOV-80 09-NOV-80 03:54 PM  2 RT11     3479
```

TOTAL OF 475 BLOCKS IN 9 FILES IN SY:[1,6]

#02

>RUN \$BUILD

BUILD V7.0-07A RSTS V7.0-07 \* NIKA CORP \*

SYSTEM BUILD <NO> ?

SOURCE INPUT DEVICE <SY:1> ? MT0:

LIBRARY OUTPUT DEVICE <SY:1> ?

TARGET SYSTEM DEVICE <SY0:1> ?

LIBRARY ACCOUNT <[1,2]> ?

CONTROL FILE IS ? RSX

\*\*\* COPYING FILE MT0:[1,2]RSX. CTL TO BLD01.TMP \*\*\*

LOCATE LOGICAL 'LB:' ON <SY:[1,1]> ?

FUNCTION (BUILD/PATCH, PATCH, BUILD) <BUILD/PATCH> ?

PATCH FILE INPUT LOCATION <SY:[200,200]> ?

SAVE PATCHED SOURCES <NO> ? ^C

>DEASSIGN MT0

>

\*\*\*\*\* THE RSX FLICAGE WAS BUILT ON THE LA120 \*\*\*\*\*

RUN \$SYSTAT

SYSTAT V7.0-07A RSTS V7.0-07 \* NIKA CORP \*

OUTPUT STATUS TO?

RSTS V7.0-07 \* NIKA CORP \* STATUS AT 10-NOV-80, 02:18 PM UP: 1:23:13

JOB	WHO	WHERE	WHAT	SIZE	STATE	RUN-TIME	PRI/RB	RTS
1	[SELF]	KB0	SYSTAT	17/31K	RN LCK	13:25.5	0/6	...RSX
2	[SELF]	KB8	ATPK	14/31K	SL	35.2	-8/6	...RSX
3	[SELF]	P0J2	PIP	16/31K	RN	16.1	-8/6	RT11

BUSY DEVICES:

DEVICE	JOB	WHY
PK0	2	INIT
MT0	3	AS+INIT+DOS

DISK STRUCTURE:

DISK	OPEN	FREE	CLUSTER	ERRORS	NAME	COMMENTS
DP0	3	69536	2	0	NIKA	PUB, DLW

SMALL	LARGE	JOBS	HUNG	TTY'S	ERRORS
264	1	3/15	0		0

RUN-TIME SYSTEMS:

NAME	EXT	SIZE	USERS	COMMENTS
RSX	TSK	3(28)K	0	PERM, ADDR:29, KBM
RT11	SAV	4(28)K	1	TEMP, ADDR:40, KBM, CSZ, EMT:255

RESIDENT LIBRARIES: NONE

MESSAGE RECEIVERS:

NAME	JOB	MSGs	MAX	SENDERS
------	-----	------	-----	---------

P/N 36-09829

digital

&gt;RUN #1P

\*RMSRST.TSK7DE

#72

&gt;RUN #SYSTAT

SYSTAT V7.0-07A

RSTS V7.0-07 \* NIKA CORP \*

OUTPUT STATUS TO?

RSTS V7.0-07 \* NIKA CORP \* STATUS AT 10-NOV-80, 02:26 PM UP: 1:31:29

JOB	WHO	WHERE	WHAT	SIZE	STATE	RUN-TIME	PRI/RE	RTS
1	[SELF]	KB0	SYSTAT	17/31K	RN LCK	13:27.9	0/6	...RSX
2	[SELF]	KB0	ATPK	14/31K	SL	1:23.2	-8/6	...RSX
3	[SELF]	P0J2	...MCR	1/31K	RN	0.4	-7/6	RSX

## BUSY DEVICES:

DEVICE	JOB	WHY
PK0	2	INIT
HT0	3	RS+DOS

## DISK STRUCTURE:

DISK	OPEN	FREE	CLUSTER	ERRORS	NAME	COMMENTS
DP0	2	69538	2	0	NIKA	PUB, DLW

SMALL	LARGE	JOBS	HUNG TTY'S	ERRORS
261	1	3/15	0	0

## RUN-TIME SYSTEMS:

NAME	EXT	SIZE	USERS	COMMENTS
RSX	TSK	3(28)K	1	PERM, ADDR:29, KBM
RT11	SAV	4(28)K	0	TEMP, ADDR:40, KBM, CSZ, EMT:255

## RESIDENT LIBRARIES: NONE

## MESSAGE RECEIVERS:

NAME	JOB	MSGS	MAX	SENDERS
ERRLOG	0	1	40	PRIV

&gt;SY\YS\RUN

?WHAT?

&gt;RUN

?WHAT?

&gt;RUN #SYSTAT

SYSTAT V7.0-07A

RSTS V7.0-07 \* NIKA CORP \*

OUTPUT STATUS TO? /S-D

RSTS V7.0-07 \* NIKA CORP \* STATUS AT 10-NOV-80, 02:45 PM UP: 1:50:22

JOB	WHO	WHERE	WHAT	SIZE	STATE	RUN-TIME	PRI/RE	RTS
1	1/2	KB0	SYSTAT	17/31K	RN LCK	13:29.6	0/6	...RSX
2	1/2	KB0	ATPK	14/31K	SL	1:49.5	-8/6	...RSX
3	1/2	P0J2	PIP	16/31K	RN	0.8	-8/6	RT11

## DISK STRUCTURE:

DISK	OPEN	FREE	CLUSTER	ERRORS	NAME	COMMENTS
DP0	3	66700	2	0	NIKA	PUB, DLW

&gt;RUN SYSTAT

SYSTAT V7.0-07A

RSTS V7.0-07 \* NIKA CORP \*

OUTPUT STATUS TO? /DF3

?ILLEGAL OPTION OR ARGUMENT

&gt;RUN SYSTAT

SYSTAT V7.0-07A

RSTS V7.0-07 \* NIKA CORP \*

OUTPUT STATUS TO? /DF

## DISK STRUCTURE:



SMALL LARGE JOBS HUNG TTY'S ERRORS

264 1 3/15 0 0

>RUN RMSRST

RST>^Z

>RUN \$REACT

REACT V7.0-07 RSTS V7.0-07 \* NIKA CORP \*

SYSTEM ACCOUNT MANAGER

FUNCTION? E

PROJ, PROG? 1,7

DISK PASSWORD? SPLER

QUOTA?

CLUSTER SIZE? 16

ACCOUNT NAME? SPLER PACKAGE

PROJ, PROG? ^Z

>RUN RMSRST

RST>SY:[1,7]^U

SY:[1,7]\*. \* = MT0: SPLER, SY

RST>^Z

>RUN \$DIRECT

DIRECT V7.0-07E RSTS V7.0-07 \* NIKA CORP \*

#[1,7]/5

NAME .EXT	SIZE	PROT	ACCESS	DATE	TIME	CLU	RTS	POS
-----------	------	------	--------	------	------	-----	-----	-----

SY:[1,7]

GENSPL. LOG	37	< 60>	09-NOV-80	09-NOV-80	04:14 PM	2	BASIC	1095
-------------	----	-------	-----------	-----------	----------	---	-------	------

QUE . TSK	81C	<232>	09-NOV-80	09-NOV-80	04:21 PM	2	RSX	5988
-----------	-----	-------	-----------	-----------	----------	---	-----	------

RF:FIX=512	FO:SEQ	USED:82:0	RECSI:512
------------	--------	-----------	-----------

QUEMAN. TSK	56C	<124>	09-NOV-80	09-NOV-80	04:24 PM	2	RSX	6033
-------------	-----	-------	-----------	-----------	----------	---	-----	------

RF:FIX=512	FO:SEQ	USED:57:0	RECSI:512
------------	--------	-----------	-----------

QUMRUN. TSK	83C	<124>	09-NOV-80	09-NOV-80	04:29 PM	2	RSX	6211
-------------	-----	-------	-----------	-----------	----------	---	-----	------

RF:FIX=512	FO:SEQ	USED:84:0	RECSI:512
------------	--------	-----------	-----------

OPSER . TSK	47C	<124>	09-NOV-80	09-NOV-80	04:31 PM	2	RSX	6253
-------------	-----	-------	-----------	-----------	----------	---	-----	------

RF:FIX=512	FO:SEQ	USED:48:0	RECSI:512
------------	--------	-----------	-----------

OPSRUN. TSK	78C	<124>	09-NOV-80	09-NOV-80	04:36 PM	2	RSX	6277
-------------	-----	-------	-----------	-----------	----------	---	-----	------

RF:FIX=512	FO:SEQ	USED:79:0	RECSI:512
------------	--------	-----------	-----------

CHARS . TSK	38C	<124>	09-NOV-80	09-NOV-80	04:37 PM	2	RSX	6509
-------------	-----	-------	-----------	-----------	----------	---	-----	------

RF:FIX=512	FO:SEQ	USED:39:0	RECSI:512
------------	--------	-----------	-----------

CHARS . QUE	2	< 60>	09-NOV-80	09-NOV-80	04:37 PM	2	... RSX	6061
-------------	---	-------	-----------	-----------	----------	---	---------	------

SPOOL . TSK	76C	<124>	09-NOV-80	09-NOV-80	04:43 PM	2	RSX	6528
-------------	-----	-------	-----------	-----------	----------	---	-----	------

RF:FIX=512	FO:SEQ	USED:77:0	RECSI:512
------------	--------	-----------	-----------

SPLIDL. TSK	85C	<124>	09-NOV-80	09-NOV-80	04:48 PM	2	RSX	6566
-------------	-----	-------	-----------	-----------	----------	---	-----	------

RF:FIX=512	FO:SEQ	USED:86:0	RECSI:512
------------	--------	-----------	-----------

SPLRUN. TSK	84C	<124>	09-NOV-80	09-NOV-80	04:56 PM	2	RSX	6609
-------------	-----	-------	-----------	-----------	----------	---	-----	------

RF:FIX=512	FO:SEQ	USED:85:0	RECSI:512
------------	--------	-----------	-----------

BATDCD. TSK	37C	<124>	09-NOV-80	09-NOV-80	04:57 PM	2	RSX	6651
-------------	-----	-------	-----------	-----------	----------	---	-----	------

RF:FIX=512	FO:SEQ	USED:38:0	RECSI:512
------------	--------	-----------	-----------

BATCH . DCD	12C	< 60>	09-NOV-80	09-NOV-80	04:57 PM	2	... RSX	6187
-------------	-----	-------	-----------	-----------	----------	---	---------	------

BATCH . TSK	73C	<124>	09-NOV-80	09-NOV-80	05:03 PM	2	RSX	6670
-------------	-----	-------	-----------	-----------	----------	---	-----	------

RF:FIX=512	FO:SEQ	USED:74:0	RECSI:512
------------	--------	-----------	-----------

BATIDL. TSK	75C	<124>	09-NOV-80	09-NOV-80	05:08 PM	2	RSX	6707
-------------	-----	-------	-----------	-----------	----------	---	-----	------

RF:FIX=512	FO:SEQ	USED:76:0	RECSI:512
------------	--------	-----------	-----------

BATDEC. TSK	85C	<124>	09-NOV-80	09-NOV-80	05:14 PM	2	RSX	6745
-------------	-----	-------	-----------	-----------	----------	---	-----	------

RF:FIX=512	FO:SEQ	USED:86:0	RECSI:512
------------	--------	-----------	-----------

BATRUN. TSK	80C	<124>	09-NOV-80	09-NOV-80	05:21 PM	2	RSX	6788
-------------	-----	-------	-----------	-----------	----------	---	-----	------

RF:FIX=512	FO:SEQ	USED:81:0	RECSI:512
------------	--------	-----------	-----------

SPOOL . CMD	1	< 60>	09-NOV-80	09-NOV-80	05:21 PM	2	RT11	6193
-------------	---	-------	-----------	-----------	----------	---	------	------

TOTAL OF 1030 BLOCKS IN 18 FILES IN SY:[1,7]

#^Z

>RUN \$PIP

\*[1,2]<232>/RTS:RSX=[1,7]QUE. TSK

#^Z

>RUN \$DIRECT

NAME .EXT SIZE PROT ACCESS DATE TIME CLU RTS POS  
SY:[1,2]  
QUE .TSK 81C <232> 09-NOV-80 09-NOV-80 04:21 PM 2 RSX 6828  
RF:FIX=512 FO:SEQ USED:82:0 RECSI:512  
TOTAL OF 81 BLOCKS IN 1 FILE IN SY:[1,2]

NAME .EXT SIZE PROT ACCESS DATE TIME CLU RTS POS  
SY:[1,7]  
QUE .TSK 81C <232> 09-NOV-80 09-NOV-80 04:21 PM 2 RSX 5988  
RF:FIX=512 FO:SEQ USED:82:0 RECSI:512  
TOTAL OF 81 BLOCKS IN 1 FILE IN SY:[1,7]

#C2  
>RUN PIP  
#C1,7.QUE.TSK/DE  
#C2  
>RUN SYSTAT  
SYSTAT V7.0-07A RSTS V7.0-07 \* NIKA CORP \*  
OUTPUT STATUS TO? /C

MEMORY ALLOCATION TABLE:  
START END LENGTH PERMANENT TEMPORARY  
0K - 28K ( 29K) MONITOR  
29K - 31K ( 3K) RSX RTS  
32K - 39K ( 8K) \*\* XBUF \*\*  
40K - 123K ( 84K) (USER)  
124K - \*\*\* END \*\*\*

>RUN \$REACT  
REACT V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
SYSTEM ACCOUNT MANAGER  
FUNCTION? E  
PROJ,PROG? 1,10  
DISK:PASSWORD? WORK  
QUOTA?  
CLUSTER SIZE? 16  
ACCOUNT NAME? WORK ACCOUNT FOR SYSTEM  
PROJ,PROG? ^2

>RUN SYSTAT  
SYSTAT V7.0-07A RSTS V7.0-07 \* NIKA CORP \*  
OUTPUT STATUS TO? /S=

RSTS V7.0-07 \* NIKA CORP \* STATUS AT 10-NOV-80, 03:54 PM UP: 2:59:19

JOB	WHO	WHERE	WHAT	SIZE	STATE	RUN-TIME	PRI/RB	RTS
1	1,2	KB0	SYSTAT	17/31K	RN LCK	14:08.6	0/6	... RSX
2	1,9	KB8	ATPK	14/31K	SL	2:23.5	-8/6	... RSX
3	1,2	KB9	... EDT	16/31K	KB	22.9	-8/6	... RSX
4	1,9	P0J2	ONLPAT	15/31K	RN	6:52.3	-8/6	RT11

>RUN \$SYSTAT  
SYSTAT V7.0-07A RSTS V7.0-07 \* NIKA CORP \*  
OUTPUT STATUS TO?

RSTS V7.0-07 \* NIKA CORP \* STATUS AT 10-NOV-80, 04:15 PM UP: 3:20:25

JOB	WHO	WHERE	WHAT	SIZE	STATE	RUN-TIME	PRI/RB	RTS
1	[SELF]	KB0	SYSTAT	17/31K	RN LCK	14:09.9	0/6	... RSX
2	[OPR]	KB8	ATPK	14/31K	RN	4:19.2	-8/6	... RSX
3	[SELF]	KB9	... MCR	17/31K	C	25.8	-8/6	RSX
4	[OPR]	P0J2	PIP	16/31K	KB	4:24.2	-8/6	RT11

BUSY DEVICES:



DEVICE JOB WHY  
PK0 2 INIT  
HT0 4 AS+DOS

27

DISK STRUCTURE:

DISK	OPEN	FREE	CLUSTER	ERRORS	NAME	COMMENTS
DP0	8	61606	2	0	NIKA	POB, DLW

SMALL	LARGE	JOB	HUNG	TTY'S	ERRORS
233	1	4/15	0		0

RUN-TIME SYSTEMS:

NAME	EXT	SIZE	USERS	COMMENTS
RSX	TSK	3(28)K	1	PERM, ADDR:29, KBM
RT11	SAV	4(28)K	1	TEMP, ADDR:40, KBM, CSZ, EMT:255
RMS11	TSK	4(28)K	0	NON-RES
TECO	TEC	8(24)K	0	NON-RES
BASIC2	TSK	16(16)K	0	NON-RES
BP2COM	TSK	4(28)K	0	NON-RES, KBM

RESIDENT LIBRARIES:

NAME	PROT	ACCT	SIZE	USERS	COMMENTS
BASICS	< 42>	0.1	8K	0	NON-RES, ADDR:112

MESSAGE RECEIVERS:

NAME	JOB	MSGS	MAX	SENDERS
ERRLOG	0	1	40	PRIV

>RUN SYSTAT

SYSTAT V7.0-07A RSTS V7.0-07 \* NIKA CORP \*

OUTPUT STATUS TO? /C

MEMORY ALLOCATION TABLE:

START	END	LENGTH	PERMANENT	TEMPORARY
0K -	28K (	29K)	MONITOR	
29K -	31K (	3K)	RSX	RTS
32K -	39K (	8K)	** XBUF **	
40K -	111K (	72K)	(USER)	
112K -	119K (	8K)	(USER)	BASICS LIB
120K -	123K (	4K)	(USER)	
124K -	***	END ***		

>RUN \$SHUTUP

SHUTUP V7.0-07 RSTS V7.0-07 \* NIKA CORP \*

04:45 PM 10-NOV-80 ##### SET-UP DIALOGUE PHASE #####

TYPE 'ESC'('ALT') TO ANY QUERY TO BACKUP ONE (1) STEP

'OPSER' NOT RUNNING

MINUTES UNTIL SYSTEM SHUTDOWN (0-99) <5>? 0

04:45 PM 10-NOV-80 ##### WARNING MESSAGE PHASE #####  
FURTHER LOGINS ARE NOW DISABLED

04:45 PM 10-NOV-80 ##### INITIAL JOB KILLING PHASE #####

04:45 PM 10-NOV-80 ##### REMOVE RTS/RES LIB PHASE #####

04:45 PM 10-NOV-80 ##### SWAP FILE REMOVAL PHASE #####

04:45 PM 10-NOV-80 ##### DISK DISMOUNT PHASE #####

04:45 PM 10-NOV-80 ##### FINAL SHUTDOWN PHASE #####

PLEASE WAIT FOR SYSTEM TO RE-BOOT ITSELF

P/N 36-09829

digital

RSTS V7.0-07 \* NIKA CORP \* (DP0)

OPTION: IN

SIL <RSTS>? PATCH

OPTION:

YOU CURRENTLY HAVE: JOB MAX = 15, SWAP MAX = 31K.

YOU CURRENTLY HAVE CRASH DUMP ENABLED.

10-NOV-80?

04:46 PM?

INIT V7.0-07A

RSTS V7.0-07 \* NIKA CORP \*

COMMAND FILE NAME?

DETACHING..

HELLO 1/10

PASSWORD:

>

>RUN \$UTILITY

UTILITY V7.0-07B

RSTS V7.0-07 \* NIKA CORP \*

#ADD RT11

#ADD RMS11

#ADD BASIC

#ADD TECO

#EXIT

>BYE/F

ATTACHING TO JOB 1

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



^C

HELLO 1/10

PASSWORD:

&gt;RUN (1,2)UTILTY

UTILTY V7.0-07B

RSTS V7.0-07 \* NIKH CORP \*

#ADD BASIC2.RTS

#ADD BP2COM.RTS

#CCL BP2-IC2=SY:(1,2)BASIC2.TSK;30000

#NAME BP2COM=SY:(1,2)BASIC2.TSK

#ADD LIBRARY SY:(0,1)BASICS.LIB/ADDR:116

#EXIT

&gt;BYE/F

ATTACHING TO JOB 1

DETACHING...

^C

HELLO 1/10

PASSWORD:

&gt;RUN \$TTYSET

TTYSET V7.0-07A

RSTS V7.0-07 \* NIKH CORP \*

TERMINAL CHARACTERISTICS PROGRAM

? KB0:7 FILL LA305/LC INPUT

FOR KB0:7 KB8:7 LA120;SPEED 4800

FOR KB8:7 KB9:7 VT100;SPEED 4800

FOR KB9:7 EXIT

&gt;BYE/F

ATTACHING TO JOB 1  
DETACHING.

HELLO 1/10  
PASSWORD:

>  
>RUN SY:(1,7)OPSER  
OPSER V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
'OPSER' FILES NOT FOUND - WILL INITIALIZE.  
#DETACH  
DETACHING...

HELLO 1/10  
PASSWORD:  
JOB 2 IS DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT

>RUN SY:(1,7)QUEMAN  
QUEMAN V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
'QUEUE.WRK' NOT FOUND - WILL INITIALIZE  
NO QUEUE FILE FOUND -- WILL INITIALIZE  
STARTED AT: 04:47 PM ON 10-NOV-80  
JOB #3 'QUEMAN' PUT ONLINE  
INITIALIZED  
#DETACH/PRIORITY.0  
DETACHING...

HELLO 1/10  
PASSWORD:  
JOBS 2 3 ARE DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
2 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

>RUN SY:(1,7)SPOOL  
SPOOL V7.0-07A RSTS V7.0-07 \* NIKA CORP \*  
#LP0:/HEAD:1  
DETACHING...

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



^C  
HELLO 1/10  
PASSWORD:  
JOBS 2 3 4 ARE DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
3 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

>  
JOB #4 'LP0SPL' PUT ONLINE

MESSAGE 1 : 10-NOV-80 04:47 PM JOB:3 DET QUMRUN[1,10]  
LP0SPL (4) PUT ONLINE  
RUN SY:(1,7)BATCH  
BATCH V7.0-07B RSTS V7.0-07 \* NIKA CORP \*  
#BA0:/ERROR:FATAL/NOQUEUE/NODELETE  
DETACHING...

ATTACHING TO JOB 1  
DETACHING...

^C  
HELLO 1/10  
PASSWORD:  
JOBS 2 3 4 5 ARE DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
4 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

>RUN #UTILITY

JOB #5 'BA0SPL' PUT ONLINE  
UTILITY V7.0-07B RSTS V7.0-07 \* NIKA CORP \*

#  
MESSAGE 2 : 10-NOV-80 04:48 PM JOB:3 DET QUMRUN[1,10]  
BA0SPL (5) PUT ONLINE  
CCL ATT-ACH=\$LOGIN.\*;PRIV 30000  
#CCL ATP-K=\$ATPK.\*;PRIV 30000  
#CCL BCK-=\$RMSBCK.TSK;0  
#CCL BPC-REF=\$BPCREF.\*;30000  
#CCL BYE-=\$LOGOUT.\*;PRIV 0  
#CCL CNV-=\$RMSCNV.TSK;0  
#CCL CRE-ATE=\$EDIT.\*;30000  
#CCL DEF-=\$RMSDEF.TSK;0  
#CCL DFN-=\$RMSDFN.TSK;0  
#CCL DES-=\$RMSDES.TSK;0  
#CCL DIS-MOUNT=\$UMOUNT.\*;PRIV 30000  
#CCL DI-RECTORY=\$DIRECT.\*;PRIV 30000  
#CCL DSP-=\$RMSDSP.TSK;0  
#CCL EDT-=\$EDT.TSK;0  
#CCL ED-IT=\$EDIT.\*;30000

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09929

ditto

501507

```
#CCL FIT-=$FIT *; PRIV 30000
#CCL HELLO-=$LOGIN *; PRIV 0
#CCL HELP-=$HELP *; PRIV 30000
#CCL IFL-=$RMSIFL TSK; 0
#CCL LBR-=$LBR TSK; 0
#CCL LIBR-=$LIBR SAV; 8208
#CCL LIN-K=$LINK SAV; 8208
#CCL LOG-IN=$LOGIN *; PRIV 0
#CCL MACR-0=$MACRO SAV; 8216
#CCL MAC-=$MAC TSK; 0
#CCL MAK-E=$TECO TEC; 0
#CCL MOU-NT=$UMOUNT *; PRIV 30000
#CCL MU-NG=$TECO TEC; 0
#CCL PAT-=$PAT TSK; 0
#CCL PIP-=$PIP SAV; 8208
#CCL PL-EASE=$PLEASE *; PRIV 30000
#CCL QU-EUE=$QUE *; PRIV 30000
#CCL RST-=$RMSRST TSK; PRIV 0
#CCL SE-T=$TTYSET *; PRIV 30000
#CCL SRT-=$SORT TSK; 0
#CCL SU-BMIT=$QUE *; PRIV 30000
#CCL SW-ITCH=$SWITCH *; PRIV 30000
#CCL SY-STAT=$SYSTAT *; PRIV 30000
#CCL TE-CO=$TECO TEC; 0
#CCL TKB-=$TKB TSK; 0
#CCL TY-PE=$TYPE TEC; 0
#CCL UT-ILTY=$UTILTY *; 30000
#EXIT
>BYE/F
```

ATTACHING TO JOB 1  
DETACHING...

HELLO 1/2  
PASSWORD:  
JOB 1 IS DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT

```
>RUN SY:(1,2)UTILTY
UTILTY V7.0-07B RSTS V7.0-07 * NIKA CORP *
#REMOVE LOGICAL LB
#ADD LOGICAL SY:(1,1)LB
#EXIT
>BYE/F
```

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



501509

ATTACHING TO JOB 1  
RUN SY:(1,6)ERRINT  
100  
NO  
>  
ERRINT V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
ERRLOG FILE IS 2% FULL  
CHANGE SIZE TO < 100 >?  
UTILIZE CRASH FILE OUTPUT (YES/NO) <NO>?  
DETACHING . . .

I 1/2\2\4  
INVALID ENTRY - TRY AGAIN  
#1/2  
PASSWORD:  
JOB 1 IS DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT

>SY7C

MEMORY ALLOCATION TABLE:

START	END	LENGTH	PERMANENT	TEMPORARY
0K -	28K (	29K)	MONITOR	
29K -	31K (	3K)	RSX	RTS
32K -	39K (	8K)	** XBUF **	
40K -	115K (	76K)	(USER)	
116K -	123K (	8K)	(USER)	BASICS LIB
124K -	***	END	***	

>RYB7U

RUN SHUT

SHUTUP V7.0-07 RSTS V7.0-07 \* NIKA CORP \*

04:59 PM 10-NOV-80 ##### SET-UP DIALOGUE PHASE #####

TYPE ^ESC^(^ALT^) TO ANY QUERY TO BACKUP ONE (1) STEP

USE ^OPSER^ FOR UTILITIES SHUTDOWN (YES/NO) <YES>  
ALLOW UTILITIES TO REACH LOGICAL END POINT (YES/NO) <YES>?  
MINUTES UNTIL SYSTEM SHUTDOWN (0-99) <5>? 0

04:59 PM 10-NOV-80 ##### WARNING MESSAGE PHASE #####  
FURTHER LOGINS ARE NOW DISABLED

04:59 PM 10-NOV-80 ##### INITIAL JOB KILLING PHASE #####

04:59 PM 10-NOV-80 ##### / OPSER / SHUTDOWN PHASE #####

DETACHING...

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

'OPSER' ATTACHING

JOB #5 'BA0SPL' TAKEN OFFLINE

MESSAGE 3 : 10-NOV-80 05:00 PM JOB:3 DET QUMRUN[1,10]  
BA0SPL (5) REQUESTED OFF-LINE -- TAKEN OFF-LINE

JOB #4 'LP0SPL' TAKEN OFFLINE

MESSAGE 4 : 10-NOV-80 05:00 PM JOB:3 DET QUMRUN[1,10]  
LP0SPL (4) REQUESTED OFF-LINE -- TAKEN OFF-LINE

JOB #3 'QUEMAN' TAKEN OFFLINE

'OPSER' TERMINATING

RE-ATTACHING...

05:00 PM 10-NOV-80 ##### / ERRCPY / SHUTDOWN PHASE #####

05:00 PM 10-NOV-80 ##### REMOVE RTS/RES LIB PHASE #####

05:00 PM 10-NOV-80 ##### SWAP FILE REMOVAL PHASE #####

05:00 PM 10-NOV-80 ##### DISK DISMOUNT PHASE #####

05:00 PM 10-NOV-80 ##### FINAL SHUTDOWN PHASE #####

PLEASE WAIT FOR SYSTEM TO RE-BOOT ITSELF

RSTS V7.0-07 \* NIKA CORP \* (DP0)

OPTION: SAVRES

10-NOV-80?  
05:01 PM?

SAV/RES FUNCTION: SAVE

FROM RSTS DISK? DPM

\*\*\* PACK ID/DEFAULT SAVE SET NAME IS NIKA

TO DEVICE? MTO:

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



\*\*\* THE VOLUME ON MT0: IS SAVE SET CORP  
DENSITY: 800  
CREATION DATE: FRIDAY, 26-SEP-80  
EXPIRATION DATE: SUNDAY, 12-OCT-80

25

\*\*\* SAVE SET NAME IS NIKA

EXPIRATION DATE <10-NOV-81>? ^Z

TO DEVICE? MT0:

\*\*\* THE VOLUME ON MT0: IS SAVE SET CORP

DENSITY: 800  
CREATION DATE: FRIDAY, 26-SEP-80  
EXPIRATION DATE: SUNDAY, 12-OCT-80

\*\*\* SAVE SET NAME IS NIKA

EXPIRATION DATE <10-NOV-81>?

VERIFY (YES OR NO) <NO>? YES

PROCEED (YES OR NO)? YES

\*\*\* INITIALIZING FIRST SAVE VOLUME

\*\*\* BEGIN SAVE FROM DP0: TO MT0: AT 05:05 PM

\*\*\* BAD BLOCK ON INPUT, PCN = 6471

\*\*\* BEGIN VERIFY PASS FROM DP0: TO MT0: AT 05:12 PM

\*\*\* 0 DIFFERENCES FOUND

\*\*\* BAD BLOCK ON INPUT IN FILE [1,2]SORT.TSK, PCN = 6471

DISMOUNT DEVICE: MT0:  
SET NAME: NIKA  
SEQ #: 1  
DENSITY: 800  
CREATION DATE: MONDAY, 10-NOV-80  
EXPIRATION DATE: TUESDAY, 10-NOV-81

PLEASE LABEL THIS VOLUME!

--- SAVE OPERATION COMPLETED AT 05:22 PM

#### SUMMARY REPORT

SAVE OF DP0:NIKA TO SAVE SET NIKA

INPUT DEVICE: DP0:  
PACK ID: NIKA  
PACK CLUSTER SIZE: 2  
CREATION DATE: MONDAY, 10-NOV-80

OUTPUT DEVICE: MAGTAPE  
SET NAME: NIKA  
# OF VOLUMES: 1  
DENSITY: 800  
CREATION DATE: MONDAY, 10-NOV-80  
EXPIRATION DATE: TUESDAY, 10-NOV-81

SAVE STARTED ON MONDAY, 10-NOV-80, AT 05:05 PM

RUN STATISTICS

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

501511

## TRANSFER TOTALS:

36

TOTAL OF 18578 BLOCKS TRANSFERRED

## ERROR TOTALS:

TOTAL OF 0 BAD COMPARES.

TOTAL OF 1 NEW BAD BLOCK ENCOUNTERED ON SOURCE.

## TIMING TOTALS:

TOTAL ELAPSED TIME: 0 HRS., 16 MINS., 42 SECS.

TOTAL WAIT TIME: 0 HRS., 0 MINS., 0 SECS.

TOTAL PROCESS TIME: 0 HRS., 16 MINS., 42 SECS.

SAVRES FUNCTION: IN

TYPE HELP FOR HELP.

SAVRES FUNCTION: IMAGE

FROM RSTS DISK? DP0

\*\*\* INPUT PACK ID/DEFAULT OUTPUT PACK ID IS NIKR

TO RSTS DP: DISK? DP1

\*\*\* THE VOLUME ON DP1: IS A RSTS DISK

\*\*\* PACK ID IS NIKR

\*\*\* PACK WILL BE REINITIALIZED

MOUNT IT ANYWAY (NO)? YES

\*\*\* OUTPUT PACK ID IS NIKR

VERIFY (YES OR NO) (NO)? YES

PROCEED (YES OR NO)? YES

\*\*\* BEGIN IMAGE COPY FROM DP0: TO DP1: AT 05:24 PM

\*\*\* BAD BLOCK ON INPUT; PCN = 6471

\*\*\* BEGIN VERIFY PASS FROM DP0: TO DP1: AT 05:26 PM

\*\*\* 0 DIFFERENCES FOUND

\*\*\* BAD BLOCK ON INPUT IN FILE C1:2JSORT.TSK; PCN = 6471

DISMOUNT DEVICE: DP1:

PACK ID: NIKR

PACK CLUSTER SIZE: 2

CREATION DATE: MONDAY, 10-NOV-80

PLEASE LABEL THIS VOLUME!

--- IMAGE COPY OPERATION COMPLETED AT 05:29 PM

## SUMMARY REPORT

IMAGE COPY OF DP0:NIKR TO DP1:NIKR

INPUT DEVICE: DP0:

P/N 36-09829

digital



PACK ID: NIKA  
PACK CLUSTER SIZE: 2  
CREATION DATE: MONDAY, 10-NOV-80

37

OUTPUT DEVICE: DFI:  
PACK ID: NIKA  
PACK CLUSTER SIZE: 2  
CREATION DATE: MONDAY, 10-NOV-80

IMAGE COPY STARTED ON MONDAY, 10-NOV-80, AT 05:24 PM

RUN STATISTICS

TRANSFER TOTALS:

TOTAL OF 18466 BLOCKS TRANSFERRED

ERROR TOTALS:

TOTAL OF 0 BAD COMPARES.

TOTAL OF 1 NEW BAD BLOCK ENCOUNTERED ON SOURCE.

TOTAL OF 0 NEW BAD BLOCKS ENCOUNTERED ON DESTINATION.

0 FILES STRUCTURALLY ALTERED.

TIMING TOTALS:

TOTAL ELAPSED TIME: 0 HRS., 4 MINS., 48 SECS.

TOTAL WAIT TIME: 0 HRS., 0 MINS., 0 SECS.

TOTAL PROCESS TIME: 0 HRS., 4 MINS., 48 SECS.

SAV/RES FUNCTION: 02

OPTION:

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

501513

RSTS V7.0-07 \* NIKA CORP \* (DP0)

OPTION:

YOU CURRENTLY HAVE: JOB MAX = 15, SWAP MAX = 31K.

YOU CURRENTLY HAVE CRASH DUMP ENABLED.

DD-MMM-YY? 9 16 AM^U

9:18 AM^U

11-NOV-80

12:01 AM? 9:19 AM

INIT V7.0-07A

RSTS V7.0-07 \* NIKA CORP \*

COMMAND FILE NAME?

DETACHING...

^C

HELLO 1/10

PASSWORD:

>RUN #UTILITY

UT107B

RST7.0-07 \* NIKA CORP \*

#ADD RT11

#ADD RMS11

#ADD BASIC

#ADD TECO

#EXIT

>BYEZF

ATTACHING TO JOB 1

DETACHING...

^C

HELLO 1/10

PASSWORD:

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

501525



```
>
ORONBY(1,2)UTIES$T507 * NIKH CORP *
#ADD BASIC2.RTS
#ADD BP2COM.RTS
#CCL BP2-IC2=SY:(1,2)BASIC2.TSK;30000
#NAME BP2COM=SY:(1,2)BASIC2.TSK
#ADD LIBRARY SY:(0,1)BASICS.LIB/ADDR:116
#EXIT
>BYE/F
```

ATTACHING TO JOB 1  
DETACHING...

CC  
HELLO 1/10  
PASSWORD:

```
>RUN $TTYSET
TTY RSTS V07 * NIKH CORP *
TERMINAL CHARACTERISTICS PROGRAM
? KB0:/FILL LA30SEC INPUT
FOR KB0:? KB8:/LA;SPEED 4800
FOR KB8:? KB9:/VT100;SPEED 4800
FOR KB9:? EXIT
>BYE/F
```

P/N 36-09829

digital

ATTACHING TO JOB 1  
DETACHING...

HELLO 1/10

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

PASSWORD:

40

>  
>RUN SY:(1,7)OPSER  
OPSER V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
#DETACH  
DETACHING . . .

^C  
HELLO 1/10  
PASSWORD:  
JOB 2 IS DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT

>RUN SY:(1,7)QUEMAN  
QUEMAN V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
STARTED AT: 09:20 AM ON 11-NOV-80  
QUEUE FILE DATA CHECKED FOR CONSISTENCY  
# SPOOLERS ONLINE = 0; WILL CLEAR TABLE  
#  
JOB #3 'QUEMAN' PUT ONLINE  
DETACH/PRIORITY:0  
DETACHING . . .

^C  
HELLO 1/10  
PASSWORD:  
JOBS 2 3 ARE DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
2 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

>RUN SY:(1,7)SPOOL  
SPOOL V7.0-07A RSTS V7.0-07 \* NIKA CORP \*  
#LP0:/HEAD:1  
DETACHING . . .

^C  
HELLO 1/10  
PASSWORD:  
JOBS 2 3 4 ARE DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
3 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

501527



MESSAGE 1 : 11-NOV-80 09:20 AM JOB:3 DET QUMRUN[1,10]

LP0SPL (4) PUT ONLINE

RUN SY:(1,7)BATCH

BATCH V7.0-07B RSTS V7.0-07 \* NIKA CORP \*

#BA0:/ERROR:FATAL/NOQUEUE/NODELETE

DETACHING...

ATTACHING TO JOB 1

DETACHING...

CC

HELLO 1/10

PASSWORD:

JOBS 2 3 4 5 ARE DETACHED UNDER THIS ACCOUNT

JOB NUMBER TO ATTACH TO?

4 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

JOB #5 'BA0SPL' PUT ONLINE

MESSAGE 2 : 11-NOV-80 09:21 AM JOB:3 DET QUMRUN[1,10]

BA0SPL (5) PUT ONLINE

RUN \$UTILTY

UTILITY V7.0-07B RSTS V7.0-07 \* NIKA CORP \*

#CCL ATT-ACH=\$LOGIN.\*;PRIV 30000

#CCL ATP-K=\$ATPK.\*;PRIV 30000

#CCL BCK-=\$RMSBCK.TSK;0

#CCL BPC-REF=\$BPCREF.\*;30000

#CCL BYE-=\$LOGOUT.\*;PRIV 0

#CCL CNY-=\$RMSCNY.TSK;0

#CCL CRE-ATE=\$EDIT.\*;30000

#CCL DEF-=\$RMSDEF.TSK;0

#CCL DFN-=\$RMSDFN.TSK;0

#CCL DES-=\$RMSDES.TSK;0

#CCL DIS-MOUNT=\$UMOUNT.\*;PRIV 30000

#CCL DI-RECTORY=\$DIRECT.\*;PRIV 30000

#CCL DSP-=\$RMSDSP.TSK;0

#CCL EDT-=\$EDT.TSK;0

#CCL ED-IT=\$EDIT.\*;30000

#CCL FIT-=\$FIT.\*;PRIV 30000

#CCL HELLO-=\$LOGIN.\*;PRIV 0

#CCL HELP-=\$HELP.\*;PRIV 30000

#CCL IFL-=\$RMSIFL.TSK;0

#CCL LBR-=\$LBR.TSK;0

#CCL LIBR-=\$LIBR.SAV;8208

#CCL LIN-K=\$LINK.SAV;8208

#CCL LOG-IN=\$LOGIN.\*;PRIV 0

#CCL MACR-O=\$MACRO.SAV;8216

#CCL MAC-=\$MAC.TSK;0

#CCL MAK-E=\$TECO.TEC;0

#CCL MOU-NT=\$UMOUNT.\*;PRIV 30000

#CCL MU-NG=\$TECO.TEC;0

#CCL PAT-=\$PAT.TSK;0

```
#CCL PIP-=$PIP.SAV;8888
#CCL PL-EASE=$PLEASE.*;PRIV 30000
#CCL QU-EUE=$QUE.*;PRIV 30000
#CCL RST-=$RMSRST.TSK;PRIV 0
#CCL SE-T=$TTYSET.*;PRIV 30000
#CCL SRT-=$SORT.TSK;0
#CCL SU-BMIT=$QUE.*;PRIV 30000
#CCL SW-ITCH=$SWITCH.*;PRIV 30000
#CCL SY-STAT=$SYSTAT.*;PRIV 30000
#CCL TE-CO=$TECO.TEC;0
#CCL TKB-=$TKB.TSK;0
#CCL TY-PE=$TYPE.TEC;0
#CCL UT-ILTY=$UTILTY.*;30000
#EXIT
DBYEZF
```

```
ATTACHING TO JOB 1
DETACHING...
```

```
CC
HELLO 1/2
PASSWORD:
JOB 1 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT
```

```
DRUN SY:(1,2)UTILTY
UTILTY V7.0-07B RSTS V7.0-07 * NIKA CORP *
#REMOVE LOGICAL LB
#ADD LOGICAL SY:(1,1)LB
#EXIT
DBYEZF
```

```
ATTACHING TO JOB 1
RUN SY:(1,6)ERRINT
100
```



NO

ERRINT V7.0-07 R7 \* MIKA CORP \*  
ERRLOG FILE IS 2% FULL  
CHANGE SIZE TO < 100 >?  
UTILIZE CRASH FILE OUTPUT (YES/NO) <NO>?  
DETACHING

HELLO 1/2  
PASSWORD  
JOB 1 IS DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT

>RUN \$ONLPAT  
COMMAND FILE NAME? [200,200]MONITR.CMD

MONITR.CMD

SEQ 3.1.4 M, APRIL 1980  
EXECUTIVE

MONITOR PATCHES

CORRECT PLAS CREATE WINDOW PROBLEM

MANDATORY MONITOR PATCH

COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

NOTE: THIS PATCH WILL FAIL IF RESIDENT LIBRARIES ARE  
NOT CONFIGURED ON YOUR SYSTEM.

FILE TO PATCH? 10/1RSTS.SIL  
FILE FOUND IN ACCOUNT [0,1]

MODULE NAME? RSTS

BASE ADDRESS? \$40301

OFFSET ADDRESS? 0

BASE	OFFSET	OLD	NEW?
------	--------	-----	------

041562	000000	000000	? 0!10
--------	--------	--------	--------

041562	000002	000000	? ^Z (CTRL/Z FOR NEW OFFSET)
--------	--------	--------	------------------------------

OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)

BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)

MODULE NAME? EMT

BASE ADDRESS? LIB

OFFSET ADDRESS? 1132

BASE	OFFSET	OLD	NEW?
------	--------	-----	------

136154	001132	022700	? 4737
--------	--------	--------	--------

136154	001134	000007	? EMT PAT
--------	--------	--------	-----------

136154	001136	103770	? 103370
--------	--------	--------	----------

136154	001140	116101	? ^Z (CTRL/Z FOR NEW OFFSET)
--------	--------	--------	------------------------------

OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)

BASE ADDRESS? EMT PAT

OFFSET ADDRESS? 0

BASE	OFFSET	OLD	NEW?
------	--------	-----	------

120000	000000	000000	? 16403
--------	--------	--------	---------

120000	000002	000000	? 4
--------	--------	--------	-----

120000	000004	000000	? 1403
--------	--------	--------	--------

120000	000006	000000	? 5303
--------	--------	--------	--------

120000	000010	000000	? 72327
--------	--------	--------	---------

120000	000012	000000	? 177771
--------	--------	--------	----------

120000	000014	000000	? 60003
--------	--------	--------	---------

120000	000016	000000	? 116505
--------	--------	--------	----------

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

120000 000020 000000 ? 16  
120000 000022 000000 ? 62705  
120000 000024 000000 ? 3  
120000 000026 000000 ? 6205  
120000 000030 000000 ? 6205  
120000 000032 000000 ? 162705  
120000 000034 000000 ? 10  
120000 000036 000000 ? 5405  
120000 000040 000000 ? 20305  
120000 000042 000000 ? 207  
120000 000044 000000 ? ^C  
PATCH COMPLETE

! SEQ 3.1.5 M, APRIL 1980  
! EXECUTIVE  
! MONITOR PATCHES  
! CERTAIN TIMING PROBLEMS MAY CAUSE SYSTEM TO JUMP TO 0 AND CRASH  
! MANDATORY MONITOR PATCH  
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.  
!

FILE TO PATCH? [0,1]RSTS.SIL  
FILE FOUND IN ACCOUNT [0,1]  
MODULE NAME? RSTS  
BASE ADDRESS? \$0301  
OFFSET ADDRESS? 0  
BASE    OFFSET    OLD        NEW?  
041562 000000 000010 ? 0!20  
041562 000002 000000 ? ^Z (CTRL/Z FOR NEW OFFSET)  
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)  
BASE ADDRESS? SYDVR  
OFFSET ADDRESS? 232+(32\*(LRGFIL=0))  
BASE    OFFSET    OLD        NEW?  
062416 000232 004737 ? <LF>  
062416 000234 057224 ? PATCH+34  
062416 000236 000261 ? ^Z (CTRL/Z FOR NEW OFFSET)  
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)  
BASE ADDRESS? PATCH  
OFFSET ADDRESS? 34  
BASE    OFFSET    OLD        NEW?  
040472 000034 000000 ? 5003  
040472 000036 000000 ? 137  
040472 000040 000000 ? FNDJOB  
040472 000042 000000 ? ^C  
PATCH COMPLETE

! SEQ 3.1.61980  
! EXECUTIVE  
! MONITOR PATCHES  
! CORRECT HANDLING OF PARITY MEMORY  
! MANDATORY MONITOR PATCH  
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.  
!

FILE TO PATCH? [0]  
FILE FOUND IN ACCOUNT [0,1]  
MODULE NAME? RSTS  
BASE ADDRESS? \$0301  
OFFSET ADDRESS? 0  
BASE    OFFSET    OLD        NEW?

P/N 36-09829

digital



041562 000000 000030 ? 0!40  
041562 000002 000000 ? ^Z (CTRL/Z FOR NEW OFFSET)  
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)  
BASE ADDRESS? UNISCM  
OFFSET ADDRESS? 272  
BASE OFFSET OLD NEW?  
030024 000272 011111 ? 240  
030024 000274 005012 ? ^Z (CTRL/Z FOR NEW OFFSET)  
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)  
BASE ADDRESS? FTLSCN  
OFFSET ADDRESS? 204  
BASE OFFSET OLD NEW?  
050060 000204 000114 ? CLP?  
050060 000206 000421 ? 404  
050060 000210 012737 ? ^C  
PATCH COMPLETE

! SEQ 3.1.7 M. JULY 1980  
! EXECUTIVE  
! MONITOR PATCHES  
! DISK STATISTICS WILL NOT BE CORRECT WITH DATA CACHING ENABLED  
! MANDATORY MONITOR PATCH  
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.  
! NOTE: THIS PATCH WILL FAIL IF THE OPTIONAL STATISTICS CODE  
! WAS NOT INCLUDED ON YOUR SYSTEM.

FILE TO PATCH? [0,1]RSTS.SIL  
FILE FOUND IN ACCOUNT [0,1]  
MODULE NAME? RSTS  
BASE ADDRESS? DSTAT  
OFFSET ADDRESS? 34  
BASE OFFSET OLD NEW?  
062126 000034 004767 ? 4737  
062126 000036 177740 ? PATCH+56  
062126 000040 012703 ? ^Z (CTRL/Z FOR NEW OFFSET)  
OFFSET ADDRESS? 104  
BASE OFFSET OLD NEW?  
062126 000104 026427 ? 4737  
062126 000106 000004 ? PATCH+70  
062126 000110 051536 ? 20127  
062126 000112 001430 ? SWDNE  
062126 000114 005203 ? 1427  
062126 000116 026427 ? 5203  
062126 000120 000004 ? 20127  
062126 000122 043104 ? ^Z (CTRL/Z FOR NEW OFFSET)  
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)  
BASE ADDRESS? PATCH  
OFFSET ADDRESS? 56  
BASE OFFSET OLD NEW?  
040472 000056 000000 ? 16401  
040472 000060 000000 ? 4  
040472 000062 000000 ? 4737  
040472 000064 000000 ? DSTAT  
040472 000066 000000 ? 207  
040472 000070 000000 ? 105764  
040472 000072 000000 ? 2  
040472 000074 000000 ? 100002  
040472 000076 000000 ? 12716  
040472 000100 000000 ? DSTAT+260  
040472 000102 000000 ? 207  
040472 000104 000000 ? ^Z (CTRL/Z FOR NEW OFFSET)

P/N 36-09629

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)

BASE ADDRESS? ##0301

OFFSET ADDRESS? 0

BASE OFFSET OLD NEW?

041562 000000 000070 ? 0!100

041562 000002 000000 ? ^C

PATCH COMPLETE

SEQ 3.3.8 M; JUNE 1980

EXECUTIVE

TERMINAL SERVICE PATCHES

! FORM CONTROL DIFFERENCES ON LOCAL ECHO TERMINALS

! MANDATORY TERMINAL SERVICE PATCH

! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

FILE TO PATCH? [0,1]RSTS.SIL

FILE FOUND IN ACCOUNT [0,1]

MODULE NAME? TER

BASE ADDRESS? TT1JOB

OFFSET ADDRESS? -34

BASE OFFSET OLD NEW?

127232 177744 132761 ? <LF>

127232 177746 000002 ? <LF>

127232 177750 000032 ? <LF>

127232 177752 001720 ? 137

127232 177754 000736 ? TERPAT

127232 177756 012604 ? ^Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)

BASE ADDRESS? TERPAT

OFFSET ADDRESS? 0

BASE OFFSET OLD NEW?

120000 000000 000000 ? 1003

120000 000002 000000 ? 4537

120000 000004 000000 ? ASCOUF

120000 000006 000000 ? CR

120000 000010 000000 ? 32761

120000 000012 000000 ? 100

120000 000014 000000 ? 10

120000 000016 000000 ? 1413

120000 000020 000000 ? 32761

120000 000022 000000 ? 404

120000 000024 000000 ? 10

120000 000026 000000 ? 1405

120000 000030 000000 ? 42761

120000 000032 000000 ? 404

120000 000034 000000 ? 10

120000 000036 000000 ? 105261

120000 000040 000000 ? 11

120000 000042 000000 ? 137

120000 000044 000000 ? TT1SJS

120000 000046 000000 ? 137

120000 000050 000000 ? TT1LFS+6

120000 000052 000000 ? ^Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)

BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)

MODULE NAME? RSTS

BASE ADDRESS? ##0303

OFFSET ADDRESS? 0

BASE OFFSET OLD NEW?

041572 000000 000000 ? 0!200

041572 000002 000000 ? ^C

PATCH COMPLETE

46

501533

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



! SEQ 3.5.10 M, FEBRUARY 1980  
! EXECUTIVE  
! FILE PROCESSOR PATCHES  
! UU:SYS RETURNS INCORRECT CONTROLLING JOB NUMBER  
! MANDATORY FILE PROCESSOR PATCH  
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

FILE TO PATCH? [0,1]RSTS.SIL  
FILE FOUND IN ACCOUNT [0,1]  
MODULE NAME? OVR  
BASE ADDRESS? UU02ST  
OFFSET ADDRESS? 116  
BASE      OFFSET    OLD          NEW?  
032000    000116    005303    ? 6303  
032000    000120    070327    ? 4737  
032000    000122    000014    ? FIPPAT  
032000    000124    062703    ? ^Z (CTRL/Z FOR NEW OFFSET)  
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)  
BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)  
MODULE NAME? FIP  
BASE ADDRESS? FIPPAT  
OFFSET ADDRESS? 0  
BASE      OFFSET    OLD          NEW?  
120000    000000    000000    ? 163703  
120000    000002    000000    ? PKDDDB+10  
120000    000004    000000    ? 70327  
120000    000006    000000    ? 6  
120000    000010    000000    ? 207  
120000    000012    000000    ? ^Z (CTRL/Z FOR NEW OFFSET)  
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)  
BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)  
MODULE NAME? RSTS  
BASE ADDRESS? #0305  
OFFSET ADDRESS? 1  
BASE      OFFSET    OLD          NEW?  
041602    000001    000       ? 012  
041602    000002    000       ? ^C  
PATCH COMPLETE

! SEQ 3.5.11 M, MARCH 1980  
! EXECUTIVE  
! FILE PROCESSOR PATCHES  
! UU: SPL MAY CRASH SYSTEM  
! MANDATORY FILE PROCESSOR PATCH  
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

FILE TO PATCH? [0,1]RSTS.SIL  
FILE FOUND IN ACCOUNT [0,1]  
MODULE NAME? OVR  
BASE ADDRESS? SPL0ST  
OFFSET ADDRESS? 412  
BASE      OFFSET    OLD          NEW?  
071000    000412    004537    ? 411  
071000    000414    123016    ? ^Z (CTRL/Z FOR NEW OFFSET)  
OFFSET ADDRESS? 436  
BASE      OFFSET    OLD          NEW?  
071000    000436    000000    ? 16103

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

071000 000440 000000 ? 10  
071000 000442 000000 ? 5063  
071000 000444 000000 ? 26  
071000 000446 000000 ? 4537  
071000 000450 000000 ? FJMP  
071000 000452 000000 ? \$FIPTB+SNDFO+1  
071000 000454 000000 ? ^C  
PATCH COMPLETE

FILE TO PATCH? [0,1]RSTS.SIL  
FILE FOUND IN ACCOUNT [0,1]  
MODULE NAME? RSTS  
BASE ADDRESS? \$0305  
OFFSET ADDRESS? 1  
BASE OFFSET OLD NEW?  
041602 000001 002 ? 014  
041602 000002 000 ? ^C  
PATCH COMPLETE

SEQ 3.5.13 M, MAY 1980  
EXECUTIVE  
FILE PROCESSOR PATCHES  
UU.SYS RETURNS PRIORITY/RUN BURST TO NON-PRIVILEGED USERS  
MANDATORY FILE PROCESSOR PATCH  
COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

FILE TO PATCH? [0,1]RSTS.SIL  
FILE FOUND IN ACCOUNT [0,1]  
MODULE NAME? OVR  
BASE ADDRESS? UU025T  
OFFSET ADDRESS? 256  
BASE OFFSET OLD NEW?  
032000 000256 005721 ? 4737  
032000 000260 012124 ? FIPPAT+24  
032000 000262 112124 ? ^Z (CTRL/Z FOR NEW OFFSET)  
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)  
BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)  
MODULE NAME? FIP  
BASE ADDRESS? FIPPAT  
OFFSET ADDRESS? 24

BASE	OFFSET	OLD	NEW?
120000	000024	000000	? 5721
120000	000026	000000	? 12124
120000	000030	000000	? 32761
120000	000032	000000	? 16000
120000	000034	000000	? 177744
120000	000036	000000	? 1002
120000	000040	000000	? 5064
120000	000042	000000	? 177776
120000	000044	000000	? 207
120000	000046	000000	? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)			
BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)			
MODULE NAME? RSTS			
BASE ADDRESS? \$0305			
OFFSET ADDRESS? 1			
BASE	OFFSET	OLD	NEW?
041602	000001	006	? 0120
041602	000002	000	? ^C

501535

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



! SEQ 3.5.14 M, MAY 1980  
! EXECUTIVE  
! FILE PROCESSOR PATCHES  
! ATTACH SYS CALL DOES NOT PROPERLY CHECK ALL PARAMETERS PASSED TO IT  
! MANDATORY FILE PROCESSOR PATCH  
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

FILE TO PATCH? [0,1]RSTS.SIL

FILE FOUND IN ACCOUNT [0,1]

MODULE NAME? RSTS

BASE ADDRESS? \$0305

OFFSET ADDRESS? 1

BASE      OFFSET    OLD      NEW?

041602    000001      026    ? 0!40

041602    000002      000    ? ^Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)

BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)

MODULE NAME? OVR

BASE ADDRESS? LIM1ST

OFFSET ADDRESS? 260

BASE      OFFSET    OLD      NEW?

034000    000260    004737    ? <LF>

034000    000262    124172    ? FIPPAT+46

034000    000264    103737    ? ^Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)

BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)

MODULE NAME? FIP

BASE ADDRESS? FIPPAT

OFFSET ADDRESS? 46

BASE      OFFSET    OLD      NEW?

120000    000046    000000    ? 5742

120000    000050    000000    ? 16203

120000    000052    000000    ? 10

120000    000054    000000    ? 21063

120000    000056    000000    ? 30

120000    000060    000000    ? 1402

120000    000062    000000    ? 261

120000    000064    000000    ? 207

120000    000066    000000    ? 4737

120000    000070    000000    ? SDM

120000    000072    000000    ? 207

120000    000074    000000    ? ^C

PATCH COMPLETE

! SEQ 3.5.180

! EXECUTIVE

! FILE PROCESSOR PATCHES

! PRE-EXTENDING A FILE WITH /SIZE MAY NOT WORK ON A LARGE FILE SYSTEM

! MANDATORY FILE PROCESSOR PATCH

! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

! \*\*\* THIS PATCH IS FOR SYSTEMS GENERATED WITH

! THE NEW <LARGE> FILE PROCESSOR ONLY \*\*\*

! NOTE: THIS PATCH CAN NOT BE APPLIED ONLINE TO THE INSTALLED SIL.



501537

FILE TO PATCH? 0,1JRSTS.SIL  
FILE FOUND IN ACCOUNT [0,1]  
MODULE NAME? OVR  
BASE ADDRESS? OPL5ST  
ADDRESS ABOVE MODULE BOUNDS  
BASE ADDRESS? ^Z (MODULE IS RESIDENT)  
MODULE NAME? FIP  
BASE ADDRESS? OPL5ST  
OFFSET ADDRESS? 534  
BASE      OFFSET    OLD          NEW?  
135654    000534    005764    ? 4737  
135654    000536    000016    ? FIPPAT+74  
135654    000540    001403    ? ^Z (CTRL/Z FOR NEW OFFSET)  
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)  
BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)  
MODULE NAME? FIP  
BASE ADDRESS? FIPPAT  
OFFSET ADDRESS? 74  
BASE      OFFSET    OLD          NEW?  
120000    000074    000000    ? 16446  
120000    000076    000000    ? 16  
120000    000100    000000    ? 156416  
120000    000102    000000    ? 5  
120000    000104    000000    ? 5726  
120000    000106    000000    ? 207  
120000    000110    000000    ? ^Z (CTRL/Z FOR NEW OFFSET)  
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)  
BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)  
MODULE NAME? RSTS  
BASE ADDRESS? #0305  
OFFSET ADDRESS? 1  
BASE      OFFSET    OLD          NEW?  
041602    000001        066    ? 0!100  
041602    000002        000    ? ^C  
PATCH COMPLETE

!  
!        SEQ 3.5.16 M, MAY 1980  
!        EXECUTIVE  
!        FILE PROCESSOR PATCHES  
!        UNLOADING A READ/WRITE LIBRARY OR RUN-TIME SYSTEM MAY  
!        CAUSE UNEXPECTED RESULTS  
!        MANDATORY FILE PROCESSOR PATCH  
!        COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

FILE TO PATCH? 0,1JRSTS.SIL  
FILE FOUND IN ACCOUNT [0,1]  
MODULE NAME? OVR  
BASE ADDRESS? RTS0ST  
OFFSET ADDRESS? 150  
BASE      OFFSET    OLD          NEW?  
035000    000150    000137    ? 167  
035000    000152    057106    ? 574  
035000    000154    020302    ? ^Z (CTRL/Z FOR NEW OFFSET)  
OFFSET ADDRESS? 750  
BASE      OFFSET    OLD          NEW?  
035000    000750    000000    ? 32763  
035000    000752    000000    ? 2000  
035000    000754    000000    ? 36  
035000    000756    000000    ? 1404  
035000    000760    000000    ? 5763  
035000    000762    000000    ? 32  
035000    000764    000000    ? 1401

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



51

035000 000766 000000 ? 104403  
035000 000770 000000 ? 137  
035000 000772 000000 ? REMRTS  
035000 000774 000000 ? ^C  
PATCH COMPLETE

FILE TO PATCH? [0,1]RSTS.SIL  
FILE FOUND IN ACCOUNT [0,1]  
MODULE NAME? RSTS  
BASE ADDRESS? \*\*\*0305  
OFFSET ADDRESS? 1  
BASE OFFSET OLD NEW?  
041602 000001 166 ? 0!200  
041602 000002 000 ? ^C  
PATCH COMPLETE

SEQ 3.5.17 M. MAY 1980  
EXECUTIVE  
FILE PROCESSOR PATCHES  
SYSTEMS GENERATED WITH SMALL FILE PROCESSOR MAY LOSE SMALL BUFFERS  
MANDATORY FILE PROCESSOR PATCH  
COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.  
\*\*\* THIS PATCH IS FOR SYSTEMS GENERATED WITH THE  
SMALL FILE PROCESSOR ONLY \*\*\*  
NOTE: THIS PATCH CAN NOT BE APPLIED ONLINE TO THE INSTALLED SIL.

FILE TO PATCH? [0,1]RSTS.SIL  
FILE FOUND IN ACCOUNT [0,1]  
MODULE NAME? OVR  
BASE ADDRESS? OPNIST  
SYMBOL NOT FOUND IN STB  
BASE ADDRESS? ^Z (MODULE IS RESIDENT)  
MODULE NAME? FIP  
BASE ADDRESS? OPNIST  
SYMBOL NOT FOUND IN STB  
BASE ADDRESS?  
COMMAND FILE SEQUENCE ERROR  
PATCH COMPLETE - NO MODIFICATIONS MADE

SEQ 3.5.11980  
EXECUTIVE  
FILE PROCESSOR PATCHES  
'RUN' COMMAND MAY NOT FIND A PROGRAM  
MANDATORY FILE PROCESSOR PATCH  
COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.  
\*\*\* THIS PATCH IS FOR SYSTEMS GENERATED WITH  
THE NEW (LARGE) FILE PROCESSOR ONLY \*\*\*  
NOTE: THIS PATCH APPLIED ONLINE TO THE INSTALLED SIL.  
FILE TO PATCH? [0,1]RSTS.SIL  
FILE FOUND IN ACCOUNT [0,1]

P/N 33-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

501539

MODULE NAME? OVR  
BASE ADDRESS? OPL3ST  
ADDRESS ABOVE MODULE BOUNDS  
BASE ADDRESS? ^Z (MODULE IS RESIDENT)  
MODULE NAME? FIP  
BASE ADDRESS? OPL3ST  
OFFSET ADDRESS? 160  
BASE      OFFSET    OLD      NEW?  
133660    000160    026165    ? 4037  
133660    000162    000006    ? FIPPAT+130  
133660    000164    000006    ? 772  
133660    000166    001371    ? 240  
133660    000170    005302    ? ^Z (CTRL/Z FOR NEW OFFSET)  
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)  
BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)  
MODULE NAME? FIP  
BASE ADDRESS? FIPPAT  
OFFSET ADDRESS? 130  
BASE      OFFSET    OLD      NEW?  
120000    000130    000000    ? 26165  
120000    000132    000000    ? 6  
120000    000134    000000    ? 6  
120000    000136    000000    ? 1005  
120000    000140    000000    ? 136527  
120000    000142    000000    ? 11  
120000    000144    000000    ? 100  
120000    000146    000000    ? 1401  
120000    000150    000000    ? 5720  
120000    000152    000000    ? 200  
120000    000154    000000    ? ^Z (CTRL/Z FOR NEW OFFSET)  
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)  
BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)  
MODULE NAME? RSTS  
BASE ADDRESS? #0305  
OFFSET ADDRESS? 2  
BASE      OFFSET    OLD      NEW?  
041602    000002    000000    ? 0!2  
041602    000004    000000    ? ^C (UP-ARROW/C TO EXIT)  
PATCH COMPLETE

!                    SEQ 3.5.18 M, JULY 1980  
!                    EXECUTIVE  
!                    FILE PROCESSOR PATCHES  
! 'RUN' COMMAND MAY NOT FIND A PROGRAM  
! MANDATORY FILE PROCESSOR PATCH  
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.  
!                    \*\*\* THIS PATCH IS FOR SYSTEMS GENERATED WITH THE  
!                    SMALL FILE PROCESSOR ONLY \*\*\*  
!                    NOTE: THIS PATCH CAN NOT BE APPLIED ONLINE TO THE INSTALLED SIL.  
!                    FILE TO PATCH? [0,1]RSTS.SIL  
!                    FILE FOUND IN ACCOUNT [0,1]  
!                    MODULE NAME? OVR  
!                    BASE ADDRESS? OPN3ST  
!                    SYMBOL NOT FOUND IN STB  
!                    BASE ADDRESS? ^Z (MODULE IS RESIDENT)  
!                    MODULE NAME? FIP  
!                    BASE ADDRESS? OPN3ST  
!                    SYMBOL NOT FOUND IN STB  
!                    BASE ADDRESS?

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



! SEQ 3.7.7 M, JUNE 1980  
! EXECUTIVE  
! DEVICE DRIVER PATCHES  
! DPDSK DRIVER MAY NOT REPORT FATAL ERRORS  
! MANDATORY DEVICE DRIVER PATCH  
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.  
! NOTE: THIS PATCH IS FOR MONITOR SILS WITH THE NON-OVERLAPPED SEEK  
! DP DRIVER (DPDSK). THE PATCH WILL FAIL ON SYSTEMS WHICH DO  
! NOT HAVE RP02/RP03S CONFIGURED AND THOSE USING THE RP02/RP03  
! OVERLAPPED SEEK DRIVER.

FILE TO PATCH? [0,1]RSTS.SIL

FILE FOUND IN ACCOUNT [0,1]

MODULE NAME? DSK

BASE ADDRESS? DPDSK

OFFSET ADDRESS? 154

BASE      OFFSET    OLD      NEW?

073476    000154    000036    ? OLD<>005063 4737

073476    000156    105060    ? OLD<>177774 PATCH+42

073476    000160    177511    ? OLD<>012702 ^Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)

BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)

MODULE NAME? RSTS

BASE ADDRESS? PATCH

OFFSET ADDRESS? 42

BASE      OFFSET    OLD      NEW?

040472    000042    000000    ? 5063

040472    000044    000000    ? 177774

040472    000046    000000    ? 112764

040472    000050    000000    ? 14

040472    000052    000000    ? 20

040472    000054    000000    ? 207

040472    000056    016401    ? ^Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)

BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)

MODULE NAME? RSTS

BASE ADDRESS? \$0307

OFFSET ADDRESS? 0

BASE      OFFSET    OLD      NEW?

041612    000000    000000    ? 0!100

041612    000002    000000    ? ^C

PATCH COMPLETE - NO MODIFICATIONS MADE

! SEQ 3.7.8 M, JUNE 1980

! EXECUTIVE

! DEVICE DRIVER PATCHES

! TS11 DRIVER MAY HANG JOB

! MANDATORY MSDVR PATCH

! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

! NOTE: THIS PATCH WILL FAIL ON SYSTEMS NOT CONFIGURED FOR THE  
! TS11 MAGNETIC TAPE DRIVER (MSDVR).

FILE TO PATCH? [0,1]RSTS.SIL



FILE FOUND IN ACCOUNT [0,1]  
MODULE NAME? RSTS  
BASE ADDRESS? MSDVR  
SYMBOL NOT FOUND IN STB  
BASE ADDRESS?  
COMMAND FILE SEQUENCE ERROR  
PATCH COMPLETE - NO MODIFICATIONS MADE

! SEQ 50.2.1 M, FEBRUARY 1980  
! KMC DRIVERS  
! IBM INTERCONNECT (II) DRIVER  
! PUNCH CHANNEL FOR 3780  
! MANDATORY IIDVR DEVICE DRIVER PATCH  
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.  
! NOTE: THIS PATCH WILL FAIL IF THE IBM INTERCONNECT (II) DRIVER  
! IS NOT CONFIGURED ON YOUR SYSTEM.

FILE TO PATCH? [0,1]RSTS.SIL  
FILE FOUND IN ACCOUNT [0,1]  
MODULE NAME? RSTS  
BASE ADDRESS? IIDINT  
SYMBOL NOT FOUND IN STB  
BASE ADDRESS?  
COMMAND FILE SEQUENCE ERROR  
PATCH COMPLETE - NO MODIFICATIONS MADE

! SEQ 50.2.2 M, FEBRUARY 1980  
! KMC DRIVERS  
! IBM INTERCONNECT (II) DRIVER  
! DEVICE SELECTION FOR 3780  
! MANDATORY IIDVR DEVICE DRIVER PATCH  
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.  
! NOTE: THIS PATCH WILL FAIL IF THE IBM INTERCONNECT (II) DRIVER  
! IS NOT CONFIGURED ON YOUR SYSTEM.

FILE TO PATCH? [0,1]RSTS.SIL  
FILE FOUND IN ACCOUNT [0,1]  
MODULE NAME? RSTS  
BASE ADDRESS? IIDVR  
SYMBOL NOT FOUND IN STB  
BASE ADDRESS?  
COMMAND FILE SEQUENCE ERROR  
PATCH COMPLETE - NO MODIFICATIONS MADE

! SEQ 50.2.3 M, FEBRUARY 1980  
! KMC DRIVERS  
! IBM INTERCONNECT (II) DRIVER  
! END OF FILE FOR 3780  
! MANDATORY IIDVR DEVICE DRIVER PATCH  
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.  
! NOTE: THIS PATCH WILL FAIL IF THE IBM INTERCONNECT (II) DRIVER

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

501541

P/N 36-09829

digital



FILE TO PATCH? [0,1]RSTS.SIL  
 FILE FOUND IN ACCOUNT [0,1]  
 MODULE NAME? RSTS  
 BASE ADDRESS? IIDVR  
 SYMBOL NOT FOUND IN STB  
 BASE ADDRESS?  
 COMMAND FILE SEQUENCE ERROR  
 PATCH COMPLETE - NO MODIFICATIONS MADE

14 PATCHES INSTALLED  
 7 PATCHES SKIPPED

COMMAND FILE NAME? ^Z

>SET KB8:LIST  
 ?KB8:LIST IS ILLEGAL  
 >SET KB8:LIST  
 CURRENT SETTINGS:

TAB	FORM	LC OUTPUT
NO XON	FULL DUPLEX	NO SCOPE
LC INPUT	STALL	UPARROW
NO ESC SEQ	ESC	CTRL/R
RESUME CTRL/C	NO PARITY	NO FILL
WIDTH 132	NO DELIMITER	SPEED 4800

>SET KB8:77NO FORM  
 >SY/6

6	[OPR]	KB8	ATPK	14/31K	SL	1:20.9	-8/6	...RSX
6	[OPR]	KB8	ATPK	14/31K	SL	1:20.9	-8/6	...RSX

>SY/7F

SMALL	LARGE	JOBS	HUNG	TTY'S	ERRORS
194	1	8/15	0	0	0

>SY/D

#### DISK STRUCTURE:

DISK	OPEN	FREE	CLUSTER	ERRORS	NAME	COMMENTS
DP0	18	60640	2	0	NIKA	PUB, DLW

>RUN \$PBUILD

PBUILD V7.0-07 RSTS V7.0-07 \* NIKA CORP \*

READ FILES TO PATCH FROM <SY:[1,2]>:

COMPILE PATCHED PROGRAMS <YES>:

LIBRARY DEVICE <SY:[1,2]>:

SYSTEM DEVICE <SY0:[1,2]>:

SAVE PATCHED SOURCES <NO>:

#[200,200]RT11.CMD

\*\*\* COPYING FILE SY:[200,200]RT11.CMD TO PBLD07.TMP \*\*\*

>!

! RT11.CMD

! SEQ 22.0 (AND SOME OTHERS, E.G., ONLPAT.SAV)

! RT-11 EMULATOR AND UTILITIES PACKAGE

! COPYRIGHT (C) 1979, 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS

! SEQ 17.6

! AUTOMATED PATCHING FACILITY PACKAGE

! ONLPAT.SAV

! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

RUN SY:[1,2]ONLPAT.SAV

COMMAND FILE NAME? SY:[200,200]PA1706.001

SEQ 17.6.1 M, MARCH 1980

DETECTING UP-ARROW/C/S IN COMMAND FILES

MANDATORY ONLPAT.SAV PATCH

COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

FILE TO PATCH? [1,2]ONLPAT.SAV

BASE ADDRESS? INPLIN

OFFSET ADDRESS? 54

BASE	OFFSET	OLD	NEW?
------	--------	-----	------

003274	000054	105725	? 004737
--------	--------	--------	----------

003274	000056	001376	? PATCHE
--------	--------	--------	----------

003274	000060	005305	? ^Z (CTRL/Z FOR NEW OFFSET)
--------	--------	--------	------------------------------

OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)

BASE ADDRESS? PATCHE

OFFSET ADDRESS? 0

BASE	OFFSET	OLD	NEW?
------	--------	-----	------

033240	000000	000000	? 105725
--------	--------	--------	----------

033240	000002	000000	? 001417
--------	--------	--------	----------

033240	000004	000000	? 126527
--------	--------	--------	----------

033240	000006	000000	? 177777
--------	--------	--------	----------

033240	000010	000000	? 000136
--------	--------	--------	----------

033240	000012	000000	? 001372
--------	--------	--------	----------

033240	000014	000000	? 121527
--------	--------	--------	----------

033240	000016	000000	? 000103
--------	--------	--------	----------

033240	000020	000000	? 001367
--------	--------	--------	----------

033240	000022	000000	? 010500
--------	--------	--------	----------

033240	000024	000000	? 105740
--------	--------	--------	----------

033240	000026	000000	? 105725
--------	--------	--------	----------

033240	000030	000000	? 105025
--------	--------	--------	----------

033240	000032	000000	? 004737
--------	--------	--------	----------

033240	000034	000000	? ASCII20
--------	--------	--------	-----------

033240	000036	000000	? 004737
--------	--------	--------	----------

033240	000040	000000	? TYPECR
--------	--------	--------	----------

033240	000042	000000	? 000207
--------	--------	--------	----------

033240	000044	000000	? ^C
--------	--------	--------	------

PATCH COMPLETE

1 PATCH INSTALLED

COMMAND FILE NAME? ^Z

>

SEQ 22.2

RT-11 EMULATOR PACKAGE

RT11.RTS

COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

AFTER ANY RT11.RTS PATCHES ARE INSTALLED, THEY WILL TAKE EFFECT

THE NEXT TIME THE RUN-TIME SYSTEM IS RELOADED. IF THE

RUN-TIME SYSTEM IS ADDED, EXECUTE THE FOLLOWING COMMANDS:

RUN \$UTILTY<CR>

<UTILTY'S HEADER LINE>

#UNLOAD RT11

#EXIT

IF THE RUN-TIME SYSTEM WAS PREVIOUSLY LOADED PERMANENTLY,

RELOAD IT AS FOLLOWS:

RUN \$UTILTY<CR>

501543



RUN SY:11,2JONLPAT.SAV  
COMMAND FILE NAME? SY:(200,200JPA2202.001  
SEQ 22.2.1 M, APRIL 1980  
RT-11 EMULATOR AND UTILITIES PACKAGE  
RT11. RTS  
RT11 RUN-TIME SYSTEM MAY LOOP ON FATAL ERRORS  
MANDATORY RT11. RTS PATCH  
COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

FILE TO PATCH? COS  
FILE FOUND IN ACCOUNT [0,1]  
BASE ADDRESS? RT11  
OFFSET ADDRESS? 6056  
BASE      OFFSET      OLD      NEW?  
160000    006056    004767    ? 4737  
160000    006060    175564    ? PATCH  
160000    006062    000507    ? ^Z (CTRL/Z FOR NEW OFFSET)  
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)  
BASE ADDRESS? PATCH

OFFSET ADDRESS? 0  
BASE      OFFSET      OLD      NEW?  
177606    000000    000000    ? 4737  
177606    000002    000000    ? RT11+3646  
177606    000004    000000    ? 13705  
177606    000006    000000    ? 54  
177606    000010    000000    ? 121765  
177606    000012    000000    ? 242  
177606    000014    000000    ? 1401  
177606    000016    000000    ? 207  
177606    000020    000000    ? 4737  
177606    000022    000000    ? RT11+6776  
177606    000024    000000    ? 137  
177606    000026    000000    ? RT11+14234  
177606    000030    000000    ? ^C  
PATCH COMPLETE

1 PATCH INSTALLED

COMMAND FILE NAME? ^Z  
>!      SEQ 22.7  
RT-11 EMULATOR AND UTILITIES PACKAGE  
LINK.SAV  
COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.  
RUN SY:11,2JONLPAT.SAV  
COMMAND FILE NAME? SY:(200,200JPA2207.001  
SEQ 22.7.1 M, MAY 1980  
RT-11 EMULATOR AND UTILITIES PACKAGE  
LINK.SAV  
ABSOLUTE, CONCATENATED PSECTS NOT PROCESSED CORRECTLY  
MANDATORY LINK.SAV PATCH  
COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

FILE TO PATCH? [1,2JLINK.SAV  
BASE ADDRESS? 37002  
OFFSET ADDRESS? 1606  
BASE      OFFSET      OLD      NEW?  
037002    001606    136027    ? 240  
037002    001610    177775    ? 240

037002 001612 000040 ? 240  
037002 001614 001411 ? 240  
037002 001616 016713 ? ^C  
PATCH COMPLETE

58

1 PATCH INSTALLED

COMMAND FILE NAME? SY:[200,200]PA2207.002

! SEQ 22.7.2 M, MAY 1980  
! RT-11 EMULATOR AND UTILITIES PACKAGE  
! LINK.SAV  
! PSECTS ARE NOT ALWAYS MOVED TO THE ROOT WHEN NEEDED  
! MANDATORY LINK.SAV PATCH  
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

FILE TO PATCH? [1,2]LINK.SAV

BASE ADDRESS? 15002

OFFSET ADDRESS? 1654

BASE	OFFSET	OLD	NEW?
015002	001654	042716	? 137
015002	001656	157777	? 10630
015002	001660	051610	? 240
015002	001662	022626	? ^Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? 5202

BASE	OFFSET	OLD	NEW?
015002	005202	000000	? 42716
015002	005204	000000	? 157777
015002	005206	000000	? 51610
015002	005210	000000	? 42766
015002	005212	000000	? 7777
015002	005214	000000	? 2
015002	005216	000000	? 42771
015002	005220	000000	? 170000
015002	005222	000000	? 0
015002	005224	000000	? 56671
015002	005226	000000	? 2
015002	005230	000000	? 0
015002	005232	000000	? 137
015002	005234	000000	? 5310
015002	005236	000000	? ^C

PATCH COMPLETE

1 PATCH INSTALLED

COMMAND FILE NAME? SY:[200,200]PA2207.003

! SEQ 22.7.980  
! RT-11 EMULATOR AND UTILITIES PACKAGE  
! LINK.SAV  
! CORRECT PROBLEM WHEN LINKING WITH LIBRARIES  
! MANDATORY LINK.SAV PATCH  
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

FILE TO PATCH? [1]V

BASE ADDRESS? 4306

OFFSET ADDRESS? 1244

BASE	OFFSET	OLD	NEW?
004306	001244	010667	? <LF>
004306	001246	174532	? 2262

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

501545



004306 001250 012746 ? ^Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? 1642

59

BASE OFFSET OLD NEW?

004306 001642 016706 ? <LF>

004306 001644 174134 ? 1664

004306 001646 012667 ? ^C

PATCH COMPLETE

1 PATCH INSTALLED

COMMAND FILE NAME? SY:[200,200]PA2207.004

! SEQ 22.7.4 M, JUNE 1980

! RT-11 EMULATOR AND UTILITIES PACKAGE

! LINK.SAV

! LINK MAY GIVE INCORRECT ERRORS WHEN USING THE .BYTE DIRECTIVE

! MANDATORY LINK.SAV PATCH

! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

FILE TO PATCH? [1,2]LINK.SAV

BASE ADDRESS? 37120

OFFSET ADDRESS? 2366

BASE OFFSET OLD NEW?

037120 002366 174336 ? 2130

037120 002370 060003 ? ^Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? 2414

BASE OFFSET OLD NEW?

037120 002414 010100 ? 12700

037120 002416 004567 ? 1416

037120 002420 173750 ? 4767

037120 002422 000441 ? 2116

037120 002424 000207 ? ^Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)

BASE ADDRESS? 43640

OFFSET ADDRESS? 0

BASE OFFSET OLD NEW?

043640 000000 000000 ? 4737

043640 000002 000000 ? 2472

043640 000004 000000 ? 105766

043640 000006 000000 ? 4

043640 000010 000000 ? 100003

043640 000012 000000 ? 105700

043640 000014 000000 ? 100001

043640 000016 000000 ? 110000

043640 000020 000000 ? 207

043640 000022 000000 ? 160001

043640 000024 000000 ? 63701

043640 000026 000000 ? 1414

043640 000030 000000 ? 10100

043640 000032 000000 ? 4537

043640 000034 000000 ? 2136

043640 000036 000000 ? 441

043640 000040 000000 ? 207

043640 000042 000000 ? ^C

PATCH COMPLETE

1 PATCH INSTALLED

COMMAND FILE NAME? ^Z

! SEQ 22.10

! RT-11 EMULATOR AND UTILITIES PACKAGE

MACRO.SAV  
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.  
RUN SY:[1,2]ONLPAT.SAV  
COMMAND FILE NAME? SY:[200,200]PA2210.001

60

SEQ 22.10.1 M, MAY 1980  
RT-11 EMULATOR AND UTILITIES PACKAGE  
MACRO.SAV

CIS INSTRUCTIONS NOT ASSEMBLED CORRECTLY  
! MANDATORY MACRO.SAV PATCH  
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

FILE TO PATCH? [1,2]MACRO.SAV  
BASE ADDRESS? PSTBAS-606

OFFSET ADDRESS? 660

BASE OFFSET OLD NEW?

031724 000660 121200 ? %N  
031724 000662 100000 ? <LF>  
031724 000664 076051 ? 76050  
031724 000666 004500 ? %Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? 764

BASE OFFSET OLD NEW?

031724 000764 076040 ? 76044  
031724 000766 012330 ? %Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? 1010

BASE OFFSET OLD NEW?

031724 001010 121200 ? %N  
031724 001012 100000 ? <LF>  
031724 001014 076050 ? 76052  
031724 001016 013104 ? <LF>  
031724 001020 122140 ? %NL  
031724 001022 100000 ? <LF>  
031724 001024 076055 ? 76053  
031724 001026 015176 ? %Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? 1050

BASE OFFSET OLD NEW?

031724 001050 121200 ? %P  
031724 001052 100000 ? <LF>  
031724 001054 076054 ? 76075  
031724 001056 022654 ? %Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? 1254

BASE OFFSET OLD NEW?

031724 001254 076042 ? 76040  
031724 001256 050572 ? %Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? 1270

BASE OFFSET OLD NEW?

031724 001270 012003 ? %C  
031724 001272 100000 ? <LF>  
031724 001274 076041 ? 76045  
031724 001276 051100 ? %Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? 1450

BASE OFFSET OLD NEW?

031724 001450 121200 ? %P  
031724 001452 100000 ? <LF>  
031724 001454 076053 ? 76074  
031724 001456 054117 ? %Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? 1524

BASE OFFSET OLD NEW?

031724 001524 076044 ? 76042  
031724 001526 073634 ? %Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? 1574

BASE OFFSET OLD NEW?

031724 001574 076043 ? 76041  
031724 001576 074501 ? %Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? 1604

BASE OFFSET OLD NEW?

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



031724 001604 076045 ? 76043  
031724 001606 074741 ? ^Z (CTRL/Z FOR NEW OFFSET)  
OFFSET ADDRESS? 1770  
BASE OFFSET OLD NEW?  
031724 001770 121200 ? ^N  
031724 001772 100000 ? <LF>  
031724 001774 076052 ? 76051  
031724 001776 075131 ? ^C  
PATCH COMPLETE

1 PATCH INSTALLED

COMMAND FILE NAME? ^Z

> SEQ 22.13  
! RT-11 EMULATOR AND UTILITIES PACKAGE  
! PIP.SAV  
! COPYRIGHT (C) 1979, 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

! OPTIONAL PIP PATCHES:

! SY:[200,200]PA2213.001  
! SY:[200,200]PA2213.002  
! SY:[200,200]PA2213.003  
! SY:[200,200]PA2213.007  
! SY:[200,200]PA2213.010  
! SY:[200,200]PA2213.012

RUN SY:[1,2]ONLPAT.SAV

COMMAND FILE NAME? SY:[200,200]PA2213.008

! SEQ 22.13.8 M, JANUARY 1980  
! RT-11 EMULATOR AND UTILITIES PACKAGE  
! PIP.SAV  
! ?I/O CHANNEL NOT OPEN ERRORS WHEN USING THE /ZE OPTION  
! MANDATORY PIP.SAV PATCH  
! COPYRIGHT (C) 1979, 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

FILE TO PATCH? [1

BASE ADDRESS? SCAN

OFFSET ADDRESS? 16

BASE OFFSET OLD NEW?

022004

MESSAGE 3 : 11-NOV-80 10:04 AM JOB:4 DET SPLRUN[1,10]

LP0 : HUNG - JOB: [1,2]PATCHC

(PUT DEVICE ONLINE TO CONTINUE)

000016 005067 ? 4737

022004 000020 024102 ? PATCH

022004 000022 005067 ? ^Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)

BASE ADDRESS? PATCH

OFFSET ADDRESS? 0

BASE OFFSET OLD NEW?

050260 000000 000000 ? 5037

050260 000002 000000 ? BLENG

050260 000004 000000 ? 5037

050260 000006 000000 ? OUTFLG

050260 000010 000000 ? 5037

050260 000012 000000 ? INFLG

050260 000014 000000 ? 207

050260 000016 000000 ? ^Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? ^C (UP=ARROW/^C TO EXIT)

PATCH COMPLETE

1 PATCH INSTALLED

COMMAND FILE NAME? SY:[200,200]PA2213.011

SEQ 22.13.11 M. MAY 1980

RT-11 EMULATOR AND UTILITIES PACKAGE

PIP.SAV

"FILE NOT FOUND" NOT REPORTED WHEN TRANSFERRING FROM MAGNETIC TAPE

MANDATORY PIP.SAV PATCH

COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

FILE TO PATCH? [1,2]PIP.SAV

BASE ADDRESS? PIP

OFFSET ADDRESS? 1206

BASE	OFFSET	OLD	NEW?
------	--------	-----	------

002552	001206	001420	? 1020
--------	--------	--------	--------

002552	001210	005767	? ^C
--------	--------	--------	------

PATCH COMPLETE

1 PATCH INSTALLED

COMMAND FILE NAME? SY:[200,200]PA2213.013

SEQ 22.13.13 M. JULY 1980

RT-11 EMULATOR AND UTILITIES PACKAGE

PIP.SAV

PIP DOES NOT CREATE ANSI/D MAGNETIC TAPES PROPERLY

MANDATORY PIP.SAV PATCH

COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

FILE TO PATCH? [1,2]PIP.SAV

BASE ADDRESS? PIPMT

OFFSET ADDRESS? 2466

BASE	OFFSET	OLD	NEW?
------	--------	-----	------

031754	002466	004767	? 4737
--------	--------	--------	--------

031754	002470	000276	? PATCH+16
--------	--------	--------	------------

031754	002472	010324	? ^Z (CTRL/Z FOR NEW OFFSET)
--------	--------	--------	------------------------------

OFFSET ADDRESS? 4402

BASE	OFFSET	OLD	NEW?
------	--------	-----	------

031754	004402	004467	? 4737
--------	--------	--------	--------

031754	004404	152026	? PATCH+56
--------	--------	--------	------------

031754	004406	000005	? 10412
--------	--------	--------	---------

031754	004410	004167	? ^Z (CTRL/Z FOR NEW OFFSET)
--------	--------	--------	------------------------------

OFFSET ADDRESS? 2704

BASE	OFFSET	OLD	NEW?
------	--------	-----	------

031754	002704	011411	? 12703
--------	--------	--------	---------

031754	002706	042721	? 6
--------	--------	--------	-----

031754	002710	170000	? 5021
--------	--------	--------	--------

031754	002712	001003	? 77302
--------	--------	--------	---------

031754	002714	016761	? 12721
--------	--------	--------	---------

031754	002716	011344	? 1000
--------	--------	--------	--------

031754	002720	177776	? 11411
--------	--------	--------	---------

031754	002722	012700	? 42711
--------	--------	--------	---------

031754	002724	000006	? 170000
--------	--------	--------	----------

031754	002726	005021	? 4737
--------	--------	--------	--------

031754	002730	077002	? PATCH+146
--------	--------	--------	-------------

031754	002732	012767	? <LF>
--------	--------	--------	--------

031754	002734	000007	? 11
--------	--------	--------	------

031754	002736	007532	? ^Z (CTRL/Z FOR NEW OFFSET)
--------	--------	--------	------------------------------

OFFSET ADDRESS? 3224

BASE	OFFSET	OLD	NEW?
------	--------	-----	------

031754	003224	021527	? 4737
--------	--------	--------	--------



031754 003226 007777 ? PATCH+126  
031754 003230 101006 ? ^Z (CTRL/Z FOR NEW OFFSET)

63

OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)

BASE ADDRESS? PATCH

OFFSET ADDRESS? 16

BASE	OFFSET	OLD	NEW?
050260	000016	000000	? 4737
050260	000020	000000	? PACK5D
050260	000022	000000	? 5703
050260	000024	000000	? 1413
050260	000026	000000	? 126027
050260	000030	000000	? 177765
050260	000032	000000	? 104
050260	000034	000000	? 1007
050260	000036	000000	? 20364
050260	000040	000000	? 177776
050260	000042	000000	? 1002
050260	000044	000000	? 12703
050260	000046	000000	? 4
050260	000050	000000	? 162703
050260	000052	000000	? 4
050260	000054	000000	? 207
050260	000056	000000	? 11004
050260	000060	000000	? 16002
050260	000062	000000	? 2
050260	000064	000000	? 72227
050260	000066	000000	? 177762
050260	000070	000000	? 20227
050260	000072	000000	? 177776
050260	000074	000000	? 1007
050260	000076	000000	? 5710
050260	000100	000000	? 1003
050260	000102	000000	? 16010
050260	000104	000000	? 177776
050260	000106	000000	? 402
050260	000110	000000	? 62710
050260	000112	000000	? 4
050260	000114	000000	? 10002
050260	000116	000000	? 4437
050260	000120	000000	? UNPNUM
050260	000122	000000	? 5
050260	000124	000000	? 207
050260	000126	000000	? 5765
050260	000130	000000	? 16
050260	000132	000000	? 1402
050260	000134	000000	? 62705
050260	000136	000000	? 16
050260	000140	000000	? 21527
050260	000142	000000	? 7777
050260	000144	000000	? 207
050260	000146	000000	? 126127
050260	000150	000000	? 177760
050260	000152	000000	? 1
050260	000154	000000	? 1002
050260	000156	000000	? 12161
050260	000160	000000	? 177760
050260	000162	000000	? 207
050260	000164	000000	? ^C

PATCH COMPLETE

1 PATCH INSTALLED

COMMAND FILE NAME? ^Z

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

64

SEQ 22.14  
RT-11 EMULATOR AND UTILITIES PACKAGE  
SILUS.SAV  
COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.  
RUN SY:[1,2]ONLPAT.SAV  
COMMAND FILE NAME? SY:[200,200]PA2214.001

SEQ 22.14.1 M, MAY 1980  
RT-11 EMULATOR AND UTILITIES PACKAGE  
SILUS.SAV  
LARGE NUMBERS OF SMALL BUFFERS PRINTED INCORRECTLY  
MANDATORY SILUS.SAV PATCH  
COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

FILE TO PATCH? [1,2]SILUS.SAV/N  
BASE ADDRESS? 0

OFFSET ADDRESS? 22  
BASE    OFFSET    OLD       NEW?  
000000   000022   022262   ? 22776  
000000   000024   002030   ? ^Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? 50  
BASE    OFFSET    OLD       NEW?  
000000   000050   022262   ? 22776  
000000   000052   000000   ? ^Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? 1774  
BASE    OFFSET    OLD       NEW?  
000000   001774   022262   ? 22776  
000000   001776   116700   ? ^Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? 23002  
BASE    OFFSET    OLD       NEW?  
000000   023002   021262   ? 21776  
000000   023004   000000   ? ^Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)  
BASE ADDRESS? 1772

OFFSET ADDRESS? 2154  
BASE    OFFSET    OLD       NEW?  
001772   002154   071027   ? 137  
001772   002156   000144   ? 22262  
001772   002160   010046   ? 50016  
001772   002162   001402   ? ^Z (CTRL/Z FOR NEW OFFSET)

OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)  
BASE ADDRESS? 16446

OFFSET ADDRESS? 3614  
BASE    OFFSET    OLD       NEW?  
016446   003614   000000   ? 71027  
016446   003616   000000   ? 1750  
016446   003620   000000   ? 10046  
016446   003622   000000   ? 1402  
016446   003624   000000   ? 4737  
016446   003626   000000   ? 4202  
016446   003630   000000   ? 5000  
016446   003632   000000   ? 71027  
016446   003634   000000   ? 144  
016446   003636   000000   ? 137  
016446   003640   000000   ? 4152  
016446   003642   000000   ? ^C

PATCH COMPLETE

1 PATCH INSTALLED

COMMAND FILE NAME? ^Z

501551

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



> !\*\*\* PBUILD COMPLETE \*\*\*

> RUN \$SHUTUP

SHUTUP V7.0-07 RSTS V7.0-07 \* NIKA CORP \*

11:06 AM 11-NOV-80 ##### SET-UP DIALOGUE PHASE #####

TYPE 'ESC' ('ALT') TO ANY QUERY TO BACKUP ONE (1) STEP

USE 'OPSER' FOR UTILITIES SHUTDOWN (YES/NO) <YES>

ALLOW UTILITIES TO REACH LOGICAL END POINT (YES/NO) <YES>?

MINUTES UNTIL SYSTEM SHUTDOWN (0-99) <5>? 0

11:21 AM 11-NOV-80 ##### WARNING MESSAGE PHASE #####

FURTHER LOGINS ARE NOW DISABLED

11:21 AM 11-NOV-80 ##### INITIAL JOB KILLING PHASE #####

11:21 AM 11-NOV-80 ##### 'OPSER' SHUTDOWN PHASE #####

DETACHING...

'OPSER' ATTACHING

#

JOB #5 'BA0SPL' TE

#

MESSAGE AM JOB:3 DET QUMRUN[1,10]

BA0SPL (5) REQUESTED OFF-LINE -- TAKEN OFF-LINE

#

JOB #4 'LP0SPL' TE

#

MESSAGE AM JOB:3 DET QUMRUN[1,10]

LP0SPL (4) REQUESTED OFF-LINE -- TAKEN OFF-LINE

#

JOB #3 'QUEMAN' TME

# 'OPSER' TERMINATING

RE-ATTACHING...

11:22 AM 11-NOV-80 ##### 'ERRCPY' SHUTDOWN PHASE #####

11:22 AM 11-NOV-80 ##### REMOVE RTS/RES LIB PHASE #####

11:22 AM 11-NOV-80 ##### SWAP FILE REMOVAL PHASE #####

11:22 AM 11-NOV-80 ##### DISK DISMOUNT PHASE #####

11:22 AM 11-NOV-80 ##### FINAL SHUTDOWN PHASE #####

PLEASE WAIT FOR SYSTEM TO RE-BOOT ITSELF

P/N 36-09829

digital

65

RSTS V7.0-07 \* NIKA CORP \* (DP0)

OPTION: IN

SIL <PATCH>? RSTS

OPTION: HARD LIST

NAME	ADDRESS	VECTOR	COMMENTS
TT:	177560	060	
RP:	176700	254	RP03 UNITS: 0 1
TM:	172520	224	
LP0:	177514	200	
DM0:	170500	300	DH0
DH0:	160020	310	
KW11L	177546	100	
SR	177570		
DR	177570		

HERTZ = 60.

OTHER: SL

OPTION: REF

11-NOV-80?

11:24 AM?

DISK?

CLEAN?

REFRESH SUBOPTION? LIST

FILE NAME	REQUIRED?	FILE FLAGS	STATUS	CURRENT SIZE	MINIMUM SIZE	START LBN
SYSTEM FILES:						
SWAP .SYS	YES	NOD CTG	OK	1860	248	39000
SWAP0 .SYS	NO		OK			
SWAP1 .SYS	NO		OK			
SWAP3 .SYS	NO		OK			
OVR .SYS	NO		OK		58	
ERR .SYS	NO		OK		16	
BUFF .SYS	NO		OK			
CRASH .SYS	NO	NOD CTG	OK	37	37	888

OTHERS:

BADB .SYS		NOD		0		
SATT .SYS		NOD CTG		10		39992
INIT .SYS		NOD CTG		419		
ERR .ERR		NOD CTG		16		646
SYSGEN .SIL		CTG		205		
RT11 .RTS		CTG		20		868
RSTS .SIL		NOD CTG		281		2328
BASIC .RTS		CTG		73		2200

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

501553



RSX . RTS	NOD CTG	16	2274
RMSSEQ. LIB	CTG	19	8922
RMS11 . RTS	CTG	19	10010
RMSRES. LIB	CTG	103	10460
TECO . RTS	CTG	39	1486
BP2COM. RTS	CTG	21	15952
BASIC2. RTS	CTG	79	16244
BASICS. LIB	CTG	41	16344
PATCH . SIL	CTG	281	14034
DIBOL . RTS	CTG	37	14578
FOCOMP. RTS	CTG	66	14616
DIBOLR. RTS	CTG	37	12666
DICOMP. RTS	CTG	23	12704
FOCOMR. RTS	CTG	66	15618

REFRESH SUBOPTION?

OPTION: REF

11-NOV-80?

11:26 AM?

DISK? DP

UNIT? 1

CLEAN?

REFRESH SUBOPTION? L151

FILE	FILE	CURRENT	MINIMUM	START	
NAME	REQUIRED?	FLAGS STATUS	SIZE	SIZE	LBN

SYSTEM FILES:

SWAP . SYS	NO	NOD CTG	OK	1360	33000
SWAP0 . SYS	NO		OK		
SWAP1 . SYS	NO		OK		
SWAP3 . SYS	NO		OK		
OVR . SYS	NO		OK	58	
ERR . SYS	NO		OK	16	
BUFF . SYS	NO		OK		
CRASH . SYS	NO	NOD CTG	OK	37	888

OTHERS:

BADE . SYS	NOD	0			
SATF . SYS	NOD CTG	10		39992	
INIT . SYS	NOD CTG	419			
ERR . ERR	NOD CTG	16		646	
SYSGEN. SIL	CTG	205			
RT11 . RTS	CTG	20		868	
RSTS . SIL	CTG	281		2328	
BASIC . RTS	CTG	73		2200	
RSX . RTS	NOD CTG	16		2274	
RMSSEQ. LIB	CTG	19		8922	
RMS11 . RTS	CTG	19		10010	
RMSRES. LIB	CTG	103		10460	
TECO . RTS	CTG	39		1486	
BP2COM. RTS	CTG	21		15952	
BASIC2. RTS	CTG	79		16244	
BASICS. LIB	CTG	41		16344	
PATCH . SIL	NOD CTG	281		14034	

OPTION: BOOT

BOOT DEVICE? DP1

ENABLING ONLY CONSOLE, DISKS, AND TAPES.

RSTS V7.0 (DP1)

OPTION: BOOT DP0

RSTS V7.0-07 \* NIKA CORP \* (DP0)

OPTION: SAVRES

11-NOV-80?

11:29 AM?

SAV/RES FUNCTION: IMAGE

FROM RSTS DISK? DP0

\*\*\* INPUT PACK ID/DEFAULT OUTPUT PACK ID IS NIKA

TO RSTS DP: DISK? DP1

\*\*\* THE VOLUME ON DP1: IS A RSTS DISK

\*\*\* PACK ID IS NIKA

\*\*\* PACK WILL BE REINITIALIZED

MOUNT IT ANYWAY <NO>? YES

\*\*\* OUTPUT PACK ID IS NIKA

VERIFY (YES OR NO)? <NO>? YES

PROCEED (YES OR NO)? YES

\*\*\* BEGIN IMAGE COPY FROM DP0: TO DP1: AT 11:30 AM

\*\*\* BAD BLOCK ON INPUT; PCN = 6471

\*\*\* BEGIN VERIFY PASS FROM DP0: TO DP1: AT 11:32 AM

\*\*\* 0 DIFFERENCES FOUND

\*\*\* BAD BLOCK ON INPUT IN FILE [1,2]SORT.TSK; PCN = 6471

DISMOUNT DEVICE: DP1:

PACK ID: NIKA

PACK CLUSTERSIZE: 2

CREATION DATE: MONDAY, 10-NOV-80

PLEASE LABEL THIS VOLUME!

--- IMAGE COPY OPERATION COMPLETED AT 11:35 AM

SUMMARY REPORT



INPUT DEVICE: DP0:  
PACK ID: NIKK  
PACK CLUSTER SIZE: 2  
CREATION DATE: MONDAY, 10-NOV-80

OUTPUT DEVICE: DP1:  
PACK ID: NIKK  
PACK CLUSTER SIZE: 2  
CREATION DATE: MONDAY, 10-NOV-80

IMAGE COPY STARTED ON TUESDAY, 11-NOV-80, AT 11:30 AM

RUN STATISTICS

TRANSFER TOTALS:

TOTAL OF 19938 BLOCKS TRANSFERRED

ERROR TOTALS:

TOTAL OF 0 BAD COMPARES

TOTAL OF 1 NEW BAD BLOCK ENCOUNTERED ON SOURCE

TOTAL OF 0 NEW BAD BLOCKS ENCOUNTERED ON DESTINATION

0 FILES STRUCTURALLY ALTERED

TIMING TOTALS:

TOTAL ELAPSED TIME: 0 HRS., 5 MINS., 23 SECS.

TOTAL WAIT TIME: 0 HRS., 0 MINS., 0 SECS.

TOTAL PROCESS TIME: 0 HRS., 5 MINS., 23 SECS.

SAV/RES FUNCTION: 02

OPTION:

YOU CURRENTLY HAVE JOB MAX = 15, SWAP MAX = 31K

YOU CURRENTLY HAVE CRASH DUMP ENABLED

11-NOV-80?

11:37 AM?

INIT V7.0-07A RSTS V7.0-07 \* NIKK CORP \*

COMMAND FILE NAME?

DETACHING ..

C

HELLO 1/10

PASSWORD

>

DRUN \$UTILITY

UTILITY V7.0-07B

RSTS V7.0-07 \* NIKK CORP \*

```
#ADD RT11
#ADD RMS11
#ADD BASIC
#ADD DICOMP
#ADD DIBOL
#ADD DIBOLR
#ADD FOCOMP
#ADD FOCOMR
#ADD TECO
#EXIT
>BYE/F
```

```
ATTACHING TO JOB 1
DETACHING...
```

```
HELLO 1/10
PASSWORD:
```

```
>
>RUN (1,2)UTILITY
UTILITY V7.0-07B RSTS V7.0-07 * NIKA CORP *
#ADD BASIC2.RTS
#ADD BP2COM.RTS
#CCL BP2-IC2=SY:(1,2)BASIC2.TSK;30000
#NAME BP2COM=SY:(1,2)BASIC2.TSK
#ADD LIBRARY SY:(0,1)BASICS.LIB/ADDR:116
#EXIT
>BYE/F
```

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

```
ATTACHING TO JOB 1
DETACHING...
```

P/N 36-09829

digital

501557



^C  
HELLO 1/10  
PASSWORD

70

>  
>RUN \$TTYSET  
TTYSET V7.0-07A RSTS V7.0-07 \* NIKA CORP \*  
TERMINAL CHARACTERISTICS PROGRAM  
? KB0:;FILL LA305;LC INPUT  
FOR KB0: ? KB8:;LA120;SPEED 4800  
FOR KB8: ? KB9:;VT100;SPEED 4800  
FOR KB9: ? EXIT  
>BYE/F

ATTACHING TO JOB 1  
DETACHING...

^C  
HELLO 1/10  
PASSWORD:

>RUN SY:(1,7)OPSER  
OPSER V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
#DETACH  
DETACHING...

^C  
HELLO 1/10  
PASSWORD:  
JOB 2 IS DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT

>RUN SY:(1,7)QUEMAN  
QUEMAN V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
STARTED AT: 11:38 AM ON 11-NOV-80  
QUEUE FILE DATA CHECKED FOR CONSISTENCY  
# SPOOLERS ONLINE = 0; WILL CLEAR TABLE

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

JOB #3 'QUEMAN' PUT ONLINE  
DETACH/PRIORITY:0  
DETACHING...

71

HELLO 1/10  
PASSWORD:  
JOBS 2 3 ARE DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
2 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

>RUN SY:(1,7)SPOOL  
SPOOL V7.0-07A RSTS V7.0-07 \* NIKA CORP \*  
#LP0:/HEAD:1  
DETACHING...

HELLO 1/10  
PASSWORD:  
JOBS 2 3 4 ARE DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
3 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

JOB #4 'LP0SPL' PUT ONLINE

MESSAGE 1 : 11-NOV-80 11:38 AM JOB:3 DET QUMRUN(1,10)  
LP0SPL (4) PUT ONLINE  
RUN SY:(1,7)BATCH  
BATCH V7.0-07B RSTS V7.0-07 \* NIKA CORP \*  
#BA0:/ERROR:FATAL/NOQUEUE/NODELETE  
DETACHING...

ATTACHING TO JOB 1  
DETACHING...

HELLO 1/10  
PASSWORD:  
JOBS 2 3 4 5 ARE DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
4 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

501559



JOB #5 BA0SPL PUT ONLINE

MESSAGE 2 : 11-NOV-80 11.39 AM JOB:3 DET QUMRUAL1,10J

BA0SPL (5) PUT ONLINE

RUN #UTILITY

UTILITY V7.0-07B RSTS V7.0-07 \* NIKA CORP \*

#CCL ATT=ACH=#LOGIN.\*;PRIV 30000

#CCL ATP-K=#ATPK.\*;PRIV 30000

#CCL BCK-=#RMSBCK.TSK;0

#CCL BPC-REF=#BPCREF.\*;30000

#CCL BYE-=#LOGOUT.\*;PRIV 0

#CCL CNV-=#RMSCNV.TSK;0

#CCL CRE=ATE=#EDIT.\*;30000

#CCL DEF-=#RMSDEF.TSK;0

#CCL DFN-=#RMSDFN.TSK;0

#CCL DES-=#RMSDES.TSK;0

#CCL DIS=MOUNT=#UMOUNT.\*;PRIV 30000

#CCL DI-RECTORY=#DIRECT.\*;PRIV 30000

#CCL DSP-=#RMSDSP.TSK;0

#CCL EDT-=#EDT.TSK;0

#CCL ED-IT=#EDIT.\*;30000

#CCL FIT-=#FIT.\*;PRIV 30000

#CCL HELLO-=#LOGIN.\*;PRIV 0

#CCL HELP-=#HELP.\*;PRIV 30000

#CCL IFL-=#RMSIFL.TSK;0

#CCL LBR-=#LBR.TSK;0

#CCL LIBR-=#LIBR.SAV;0208

#CCL LIN-K=#LINK.SAV;0208

#CCL LOG-IN=#LOGIN.\*;PRIV 0

#CCL MACR-O=#MACRO.SAV;0216

#CCL MAC-=#MAC.TSK;0

#CCL MAK-E=#TECO.TEC;0

#CCL MOU=NT=#UMOUNT.\*;PRIV 30000

#CCL MU-NG=#TECO.TEC;0

#CCL PAT-=#PAT.TSK;0

#CCL PIP-=#PIP.SAV;0208

#CCL PL-EASE=#PLEASE.\*;PRIV 30000

#CCL QU-EUE=#QUE.\*;PRIV 30000

#CCL RST-=#RMSRST.TSK;PRIV 0

#CCL SE-T=#TTYSET.\*;PRIV 30000

#CCL SRT-=#SORT.TSK;0

#CCL SU-BMIT=#QUE.\*;PRIV 30000

#CCL SW-ITCH=#SWITCH.\*;PRIV 30000

#CCL SY-STAT=#SYSTAT.\*;PRIV 30000

#CCL TE-CO=#TECO.TEC;0

#CCL TKB-=#TKB.TSK;0

#CCL TY-PE=#TYPE.TEC;0

#CCL UT-ILITY=#UTILITY.\*;30000

#EXIT

>BYE/F

ATTACHING TO JOB 1

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

DETACHING...

73

^C  
HELLO 172  
PASSWORD:  
JOB 1 IS DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT

>RUN SY:(1,2)UTILITY  
UTILITY V7.0-07B RSTS V7.0-07 \* NIKA CORP \*  
#REMOVE LOGICAL LB  
#ADD LOGICAL SY:(1,1)LB  
#EXIT  
>BYE/F

ATTACHING TO JOB 1  
RUN SY:(1,6)ERRINT  
100  
NO  
>  
ERRINT V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
ERRLOG FILE IS 2% FULL  
CHANGE SIZE TO < 100 >?  
UTILIZE CRASH FILE OUTPUT (YES/NO) (NO)?  
DETACHING...

I 172  
PASSWORD:  
JOB 1 IS DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
2 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

>RUN SHUTUP  
SHUTUP V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
12:14 PM 11-NOV-80 ##### SET-UP DIALOGUE PHASE #####  
TYPE ^ESC(^ALT) TO ANY QUERY TO BACKUP ONE (1) STEP  
USE ^OPSER FOR UTILITIES SHUTDOWN (YES/NO) (YES)  
ALLOW UTILITIES TO REACH LOGICAL END POINT (YES/NO) (YES)?

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

ditto

501561



12:15 PM 11-NOV-80 ##### WARNING MESSAGE PHASE #####  
FURTHER LOGINS ARE NOW DISABLED

12:15 PM 11-NOV-80 ##### INITIAL JOB KILLING PHASE #####

12:15 PM 11-NOV-80 ##### / OPSEK / SHUTDOWN PHASE #####  
DETACHING...

'OPSEK' ATTACHING

JOB #5 'BA0SPL' TAKEN OFFLINE

MESSAGE 3 : 11-NOV-80 12:15 PM JOB:3 DET QUMRUN[1,10]  
BA0SPL (5) REQUESTED OFF-LINE -- TAKEN OFF-LINE

JOB #4 'LP0SPL' TAKEN OFFLINE

MESSAGE 4 : 11-NOV-80 12:15 PM JOB:3 DET QUMRUN[1,10]  
LP0SPL (4) REQUESTED OFF-LINE -- TAKEN OFF-LINE

JOB #3 'QUEMAN' TAKEN OFFLINE

'OPSEK' TERMINATING

RE-ATTACHING...

12:15 PM 11-NOV-80 ##### / ERRCOPY / SHUTDOWN PHASE #####

12:15 PM 11-NOV-80 ##### REMOVE RTS/RES LIB PHASE #####

12:15 PM 11-NOV-80 ##### SWAP FILE REMOVAL PHASE #####

12:15 PM 11-NOV-80 ##### DISK DISMOUNT PHASE #####

12:15 PM 11-NOV-80 ##### FINAL SHUTDOWN PHASE #####

PLEASE WAIT FOR SYSTEM TO RE-BOOT ITSELF

RSTS V7.0-07 \* MIKA CORP \* (DP0)

OPTION: REF

11-NOV-80?  
12:16 PM?

DISK?

75

CLEAN?

REFRESH SUBOPTION? BADS

BADS? LIST

THERE ARE NO BAD BLOCKS.

BADS? ADD

BLOCK NUMBER? 6471

REALLY ADD LOGICAL BLOCK 6471 TO BADB.SYS? YES

BLOCK NUMBER? ^Z

BADS? LIST

PACK CLUSTER SIZE = 2

BAD CLUSTERS BEGIN AT LOGICAL BLOCK NUMBERS:

6470

BADS? ^Z

DISK IS BEING CLEANED - WAIT ...

[1.6]ERRDAT.FIL HAS A BAD BLOCK.

DELETE? NO

REFRESH SUBOPTION?

OPTION:

YOU CURRENTLY HAVE: JOB MAX = 15, SWAP MAX = 31K.

YOU CURRENTLY HAVE CRASH DUMP ENABLED.

11-NOV-80?

12:22 PM?

INIT V7.0-07A

RSTS V7.0-07 \* NIKA CORP \*

COMMAND FILE NAME?

DETACHING...

^C

HELLO 1/10

PASSWORD:

>RUN \$UTILTY

UTILITY V7.0-07B

RSTS V7.0-07 \* NIKA CORP \*

#ADD RT11

#ADD RMS11

#ADD BASIC

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

501563



#ADD DICOMP  
#ADD DIBOL  
#ADD DIBOLR  
#ADD FOCOMP  
#ADD FOCOMR  
#ADD TECO  
#EXIT  
>BYE/F

ATTACHING TO JOB 1  
DETACHING...

^C  
HELLO 1710  
PASSWORD:

>  
>RUN (1,2)UTILITY  
UTILITY V7.0-07B RSTS V7.0-07 \* NIKK CORP \*  
#ADD BASIC2.RTS  
#ADD BP2COM.RTS  
#CCL BP2-IC2=SY:(1,2)BASIC2.TSK;30000  
#NAME BP2COM=SY:(1,2)BASIC2.TSK  
#ADD LIBRARY SY:(0,1)BASICS.LIB/ADDR:116  
#EXIT  
>BYE/F

P/N 36-09829

digital

ATTACHING TO JOB 1  
DETACHING...

^C  
HELLO 1710  
PASSWORD:

- 20
- 19
- 18
- 17
- 16
- 15
- 14
- 13
- 12
- 11
- 10
- 9
- 8
- 7
- 6
- 5
- 4
- 3
- 2
- 1

>  
>RUN \$TTYSET  
TTYSET V7.0-07A RSTS V7.0-07 \* NIKA CORP \*  
TERMINAL CHARACTERISTICS PROGRAM  
? KB0:7 FILL LA30S/LC INPUT  
FOR KB0:7 KB8:7 LA120: SPEED 4800  
FOR KB8:7 KB9:7 VT100: SPEED 4800  
FOR KB9:7 EXIT  
>BYE/P

ATTACHING TO JOB 1  
DETACHING...

HELLO 1/10  
PASSWORD:

>  
>RUN SY:(1,7)OPSER  
OPSER V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
#DETACH  
DETACHING . . .

HELLO 1/10  
PASSWORD:  
JOB 2 IS DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT

>RUN SY:(1,7)QUEMAN  
QUEMAN V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
STARTED AT: 12:23 PM ON 11-NOV-80  
QUEUE FILE DATA CHECKED FOR CONSISTENCY  
# SPOOLERS ONLINE = 0; WILL CLEAR TABLE  
#  
JOB #3 QUEMAN PUT ONLINE  
DETACH/PRIORITY:0

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-08629

digital



CC

HELLO 1/10

PASSWORD:

JOBS 2 3 ARE DETACHED UNDER THIS ACCOUNT

JOB NUMBER TO ATTACH TO?

2 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

>RUN SY:(1,7)SPOOL

SPOOL V7.0-07A

RSTS V7.0-07 \* NIKK CORP \*

#LP0:/HEAD:1

DETC

HELLO 1/10

PASSWORD:

JOBS 2 3 4 ARE DETACHED UNDER THIS ACCOUNT

JOB NUMBER TO ATTACH TO?

3 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

>RUN SY:(1,7)BATCH

BATCH V7.0-07B

RSTS V7.0-07 \* NIKK CORP \*

JOB #4 'LP0SPL' PUT ONLINE

MESSAGE

1 : 11-NOV-80 12:23 PM JOB:3 DET QUMRUN[1,10]

LP0SPL (4) PUT ONLINE

#BA0:/ERROR:FATAL/NOQUEUE/NODELETE

DETACHING...

ATTACHING TO JOB 1

DETACHING...

HELLO 1/10

PASSWORD:

JOBS 2 3 4 5 ARE DETACHED UNDER THIS ACCOUNT

JOB NUMBER TO ATTACH TO?

4 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

JOB #5 'BA0SPL' PUT ONLINE

MESSAGE

2 : 11-NOV-80 12:24 PM JOB:3 DET QUMRUN[1,10]

BA0SPL (5) PUT ONLINE

RUN \$UTILITY

UTILITY V7.0-07B

RSTS V7.0-07 \* NIKK CORP \*

#OOL ATT-ACH=\$LOGIN.\*;PRIV 30000

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

501567

```
#CCL HTP-K=$HTPK.*;PRIV 30000
#CCL BCK-=$RMSBCK.TSK;0
#CCL BPC-REF=$BPCREF.*;30000
#CCL BYE-=$LOGOUT.*;PRIV 0
#CCL CNV-=$RMSCNV.TSK;0
#CCL CRE-ATE=$EDIT.*;30000
#CCL DEF-=$RMSDEF.TSK;0
#CCL DFN-=$RMSDFN.TSK;0
#CCL DES-=$RMSDES.TSK;0
#CCL DIS-MOUNT=$UMOUNT.*;PRIV 30000
#CCL DI-RECTORY=$DIRECT.*;PRIV 30000
#CCL DSP-=$RMSDSP.TSK;0
#CCL EDT-=$EDT.TSK;0
#CCL ED-IT=$EDIT.*;30000
#CCL FIT-=$FIT.*;PRIV 30000
#CCL HELLO-=$LOGIN.*;PRIV 0
#CCL HELP-=$HELP.*;PRIV 30000
#CCL IFL-=$RMSIFL.TSK;0
#CCL LBR-=$LBR.TSK;0
#CCL LIBR-=$LIBR.SAV;8208
#CCL LIN-K=$LINK.SAV;8208
#CCL LOG-IN=$LOGIN.*;PRIV 0
#CCL MACR-O=$MACRO.SAV;8216
#CCL MAC-=$MAC.TSK;0
#CCL MAK-E=$TECO.TEC;0
#CCL MOU-MT=$UMOUNT.*;PRIV 30000
#CCL MU-NG=$TECO.TEC;0
#CCL PAT-=$PAT.TSK;0
#CCL PIP-=$PIP.SAV;8208
#CCL PL-EASE=$PLEASE.*;PRIV 30000
#CCL QU-EUE=$QUE.*;PRIV 30000
#CCL RST-=$RMSRST.TSK;PRIV 0
#CCL SE-T=$TTYSET.*;PRIV 30000
#CCL SRT-=$SORT.TSK;0
#CCL SU-BMIT=$QUE.*;PRIV 30000
#CCL SW-ITCH=$SWITCH.*;PRIV 30000
#CCL SY-STAT=$SYSTAT.*;PRIV 30000
#CCL TE-CO=$TECO.TEC;0
#CCL TKB-=$TKB.TSK;0
#CCL TY-PE=$TYPE.TEC;8
#CCL UT-ILTY=$UTILITY.*;30000
#EXIT
>BYE/F
```

P/N 36-09829

digital

```
ATTACHING TO JOB 1
DETACHING...

^C
HELLO 1/2
PASSWORD:
JOB 1 IS DETACHED UNDER THIS ACCOUNT
```

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



JOB NUMBER TO ATTACH TO?  
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT

80

>RUN SY:(1/2)UTILITY  
UTILITY V7.0-070 RSTS V7.0-07 \* NIKA CORP \*  
#REMOVE LOGICAL LB  
#ADD LOGICAL SY:(1,1)LB  
#EXIT  
>BYE/F

ATTACHING TO JOB 1  
RUN SY:(1/6)ERRINT  
100  
NO  
>  
ERRINT V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
ERRLOG FILE IS 2% FULL  
CHANGE SIZE TO <100>?  
UTILIZE CRASH FILE OUTPUT (YES/NO) <NO>?  
DETACHING

HELLO 1/2  
PASSWORD:  
JOB 1 IS DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT

>SY/FE

DISK STRUCTURE:  
DISK OPEN FREE CLUSTER ERRORS NAME COMMENTS  
DPO 21 59960 2 0 NIKA PUB. CLW

SMALL LARGE JOBS HUNG TTY'S ERRORS  
201 1 7/15 0 0

>RUN  
?ILLEGAL FILE NAME  
>RUN SHUTUP  
SHUTUP V7.0-07 RSTS V7.0-07 \* NIKA CORP \*

12:43 PM 11-NOV-80 ##### SET-UP DIALOGUE PHASE #####

TYPE 'ESC'('ALT') TO ANY QUERY TO BACKUP ONE (1) STEP

USE 'OPSER' FOR UTILITIES SHUTDOWN (YES/NO) <YES>

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

ALLOW UTILITIES TO REACH LOGICAL END POINT (YES/NO) <YES>?  
MINUTES UNTIL SYSTEM SHUTDOWN (0-99) <5>? 0

81

12:43 PM 11-NOV-80 ##### WARNING MESSAGE PHASE #####  
FURTHER LOGINS ARE NOW DISABLED

12:43 PM 11-NOV-80 ##### INITIAL JOB KILLING PHASE #####

12:44 PM 11-NOV-80 ##### OPSEK SHUTDOWN PHASE #####  
DETACHING...

OPSEK ATTACHING

JOB #5 'BA0SPL' TAKEN OFFLINE

MESSAGE 3 : 11-NOV-80 12:44 PM JOB:3 DET QUMRUN[1,10]  
BA0SPL (5) REQUESTED OFF-LINE -- TAKEN OFF-LINE

JOB #4 'LP0SPL' TAKEN OFFLINE

MESSAGE 4 : 11-NOV-80 12:44 PM JOB:3 KB??: QUMRUN[1,10]  
LP0SPL (4) REQUESTED OFF-LINE -- TAKEN OFF-LINE

JOB #3 'QUEMAN' TAKEN OFFLINE

OPSEK TERMINATING

RE ATTACHING...

12:44 PM 11-NOV-80 ##### ERRCPY SHUTDOWN PHASE #####

12:44 PM 11-NOV-80 ##### REMOVE RTS/RES LIB PHASE #####

12:44 PM 11-NOV-80 ##### SWAP FILE REMOVAL PHASE #####

12:44 PM 11-NOV-80 ##### DISK DISMOUNT PHASE #####

12:44 PM 11-NOV-80 ##### FINAL SHUTDOWN PHASE #####

PLEASE WAIT FOR SYSTEM TO RE-BOOT ITSELF

RSTS V7.0-07 \* MIKA CORP \* (DP0)

OPTION: REF

11-NOV-80?

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

501569



12:45 PM?

82

DISK?

CLEAN? YES

DISK IS BEING CLEANED - WAIT ...

[1,6]ERRDAT.FIL HAS A BAD BLOCK.  
DELETE? NO

REFRESH SUBOPTION?

OPTION: IMAGE  
INVALID OPTION. TYPE 'HELP' FOR HELP.

OPTION: SAVRES

11-NOV-80?

12:46 PM?

SAV/RES FUNCTION: IMAGE

FROM RSTS DISK? DP0

\*\*\* INPUT PACK ID/DEFAULT OUTPUT PACK ID IS NIKK

TO RSTS DP: DISK? DP1

\*\*\* THE VOLUME ON DP1: IS A RSTS DISK

\*\*\* PACK ID IS NIKK

\*\*\* PACK WILL BE REINITIALIZED  
MOUNT IT ANYWAY <NO>? YES

\*\*\* OUTPUT PACK ID IS NIKK

VERIFY (YES OR NO) <NO>? YES

PROCEED (YES OR NO)? YES

\*\*\* BEGIN IMAGE COPY FROM DP0: TO DP1: AT 12:47 PM

\*\*\* BEGIN VERIFY PASS FROM DP0: TO DP1: AT 12:49 PM

\*\*\* 0 DIFFERENCES FOUND

DISMOUNT DEVICE: DP1:  
PACK ID: NIKK  
PACK CLUSTERSIZE: 2  
CREATION DATE: MONDAY, 10-NOV-80

PLEASE LABEL THIS VOLUME!

IMAGE COPY OPERATION COMPLETED AT 12:52 PM

SUMMARY REPORT

IMAGE COPY OF DP0.NIKK TO DP1.NIKK

INPUT DEVICE: DP0:  
PACK ID: NIKK  
PACK CLUSTERSIZE: 2  
CREATION DATE: MONDAY, 10-NOV-80

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

OUTPUT DEVICE: DP1:  
PACK ID: NIKH  
PACK CLUSTER SIZE: 2  
CREATION DATE: MONDAY, 10-NOV-80

IMAGE COPY STARTED ON TUESDAY, 11-NOV-80, AT 12:47 PM

RUN STATISTICS

TRANSFER TOTALS:

TOTAL OF 20010 BLOCKS TRANSFERRED

ERROR TOTALS:

TOTAL OF 0 BAD COMPARES.

TOTAL OF 0 NEW BAD BLOCKS ENCOUNTERED ON SOURCE.

TOTAL OF 0 NEW BAD BLOCKS ENCOUNTERED ON DESTINATION.

0 FILES STRUCTURALLY ALTERED.

TIMING TOTALS:

TOTAL ELAPSED TIME: 0 HRS., 4 MINS., 41 SECS.

TOTAL WAIT TIME: 0 HRS., 0 MINS., 0 SECS.

TOTAL PROCESS TIME: 0 HRS., 4 MINS., 41 SECS.

SAV/RES FUNCTION: 2

OPTION:

YOU CURRENTLY HAVE: JOB MAX = 15, SWAP MAX = 31K.

YOU CURRENTLY HAVE CRASH DUMP ENABLED.

11-NOV-80?

12:53 PM?

INIT V7.0-07A

RSTS V7.0-07 \* NIKH CORP \*

COMMAND FILE NAME?

DETACHING...

^C

HELLO 1/10

PASSWORD:

>

>RUN \$UTILTY

UTI7B RSTS.0-07 \* NIKH CORP \*

#ADD RT11

#ADD RMS11

#ADD BASIC

#ADD DICOMP

#ADD DIBOL

#ADD DIBOLR

#ADD FOCOMP

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

501571



#ADD FOCOMR  
#ADD TECO  
#EXIT  
>BYE/F

84

ATTACHING TO JOB 1  
DETACHING...

^C  
HELLO 1/10  
PASSWORD:

BRBN (1,2)UR\$E\$YV7 \* NIKA CORP \*  
#ADD BASIC2.RTS  
#ADD BP2COM.RTS  
#CCL BP2=IC2=SY:(1,2)BASIC2.TSK/30000  
#NAME BP2COM=SY:(1,2)BASIC2.TSK  
#ADD LIBRARY SY:(0,1)BASICS.LIB/ADDR.I16  
#EXIT  
>BYE/F

P/N 36-09829

ATTACHING TO JOB 1  
DETACHING...

^C  
HELLO 1/10  
PASSWORD:

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

>RUN \$TTYSET  
TTY RSTS V-07 \* NIKA CORP \*  
TERMINAL CHARACTERISTICS PROGRAM  
? KB0:;FILL LA30SLC INPUT  
FOR KB0: ? KB8:;LA;SPEED 4800  
FOR KB8: ? KB9:;VT100;SPEED 4800  
FOR KB9: ? EXIT  
>BYE/F

ATTACHING TO JOB 1  
DETACHING...

^C  
HELLO 1/10  
PASSWORD:

>  
>RUN SY:(1,7)OPSE  
OPSER V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
#DETACH  
DETACHING...

^C  
HELLO 1/10  
PASSWORD:  
JOB 2 IS DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT

>RUN SY:(1,7)QUEMAN  
QUEMAN V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
STARTED AT: 12:54 PM ON 11-NOV-80  
QUEUE FILE DATA CHECKED FOR CONSISTENCY  
# SPOOLERS ONLINE = 0; WILL CLEAR TABLE  
#  
JOB #3 'QUEMAN' PUT ONLINE  
DETACH/PRIORITY:0  
DETACHING^C  
HELLO 1/10  
PASSWORD:  
JOBS 2 3 ARE DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829  
digital

501573



>RUN SY:(1,7)SPOOL

SPOOL V7.0-07B

RSTS V7.0-07 \* NIKH CORP \*

#LP0:/HEAD:1

DETACHING...

HELLO 1/10

PASSWORD:

JOBS 2 3 4 ARE DETACHED UNDER THIS ACCOUNT

JOB NUMBER TO ATTACH TO?

3 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

JOB #4 'LP0SPL' PUT ONLINE

RUN SY:(1,7)BATCH

BATCH V7.0-07B

RSTS V7.0-07 \* NIKH CORP \*

MESSAGE 1 : 11-NOV-80 12:54 PM JOB:3 DET QUMRUN[1,10]

LP0SPL (4) PUT ONLINE

#BA0:/ERROR:FATAL/NOQUEUE/NODELETE

DETACHING...

ATTACHING TO JOB 1

DETACHING...

HELLO 1/10

PASSWORD:

JOBS 2 3 4 5 ARE DETACHED UNDER THIS ACCOUNT

JOB NUMBER TO ATTACH TO?

4 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

>RUN \$UTILITY

UTILITY V7.0-07B

RSTS V7.0-07 \* NIKH CORP \*

JOB #5 'BA0SPL' PUT ONLINE

MESSAGE 2 : 11-NOV-80 12:55 PM JOB:3 DET QUMRUN[1,10]

BA0SPL (5) PUT ONLINE

OCL ATT-ACH=\$LOGIN.\*;PRIV 30000

#OCL ATP-K=\$ATPK.\*;PRIV 30000

#OCL BCK-=\$RMSBCK.TSK;0

#OCL BPC-REF=\$BPCREF.\*;30000

#OCL BYE-=\$LOGOUT.\*;PRIV 0

501575

```
#CCL CNV==#RMSNV. TSK;0
#CCL CRE-ATE=$EDIT. *; 30000
#CCL DEF==#RMSDEF. TSK;0
#CCL DFN==#RMSDFN. TSK;0
#CCL DES==#RMSDES. TSK;0
#CCL DIS-MOUNT=$UMOUNT. *; PRIV 30000
#CCL DI-RECTORY=$DIRECT. *; PRIV 30000
#CCL DSP==#RMSDSP. TSK;0
#CCL EDT==#EDT. TSK;0
#CCL ED-IT=$EDIT. *; 30000
#CCL FIT==#FIT. *; PRIV 30000
#CCL HELLO==#LOGIN. *; PRIV 0
#CCL HELP==#HELP. *; PRIV 30000
#CCL IFL==#RMSIFL. TSK;0
#CCL LBR==#LBR. TSK;0
#CCL LIBR==#LIBR. SAV; 8208
#CCL LIN-K=$LINK. SAV; 8208
#CCL LOG-IN=$LOGIN. *; PRIV 0
#CCL MACR-O=$MACRO. SAV; 8216
#CCL MAC==#MAC. TSK;0
#CCL MAK-E=$TECO. TEC;0
#CCL MOU-NT=$UMOUNT. *; PRIV 30000
#CCL MU-NG=$TECO. TEC;0
#CCL PAT==#PAT. TSK;0
#CCL PIP==#PIP. SAV; 8208
#CCL PL-EASE=$PLEASE. *; PRIV 30000
#CCL QU-EUE=$QUE. *; PRIV 30000
#CCL RST==#RMSRST. TSK; PRIV 0
#CCL SE-T=$TTYSET. *; PRIV 30000
#CCL SRT==#SORT. TSK;0
#CCL SU-BMIT=$QUE. *; PRIV 30000
#CCL SW-ITCH=$SWITCH. *; PRIV 30000
#CCL SY-STAT=$SYSTAT. *; PRIV 30000
#CCL TE-CO=$TECO. TEC;0
#CCL TKB==#TKB. TSK;0
#CCL TY-PE=$TYPE. TEC; 8
#CCL UT-ILTY=$UTILITY. *; 30000
#EXIT
>BYE/F
```

```
ATTACHING TO JOB 1
DETACHING...
```

```
CC
HELLO 1/2
PASSWORD:
JOB 1 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT
```

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



```
>RUN SY:(1,2)UTILITY
UTILITY V7.0-07B RSTS V7.0-07 * NIKA CORP *
#REMOVE LOGICAL LB
#ADD LOGICAL SY:(1,1)LB
#EXIT
>BYE/F
```

```
ATTACHING TO JOB 1
RUN SY:(1,6)ERRINT
100
NO
>
ERRINT V7.0-07 RSTS V7.0-07 * NIKA CORP *
ERRLOG FILE IS 2% FULL
CHANGE SIZE TO < 100 >?
UTILIZE CRASH FILE OUTPUT (YES/NO) <NO>?
DETACHING
```

```
SY/DFC
?ILLEGAL OPTION OR ARGUMENT
```

```
>SY/DF
```

DISK STRUCTURE:

DISK	OPEN	FREE	CLUSTER	ERRORS	NAME	COMMENTS
DP0	21	59920	2	0	NIKA	PUB, DLW

SMALL	LARGE	JOBS	HUNG	TTY'S	ERRORS
200	1	7715	0		0

```
>RUN %%%\CU
```

```
RUN%U
```

```
HELLO 1/2
```

```
PASSWORD:
```

```
JOB 1 IS DETACHED UNDER THIS ACCOUNT
```

```
JOB NUMBER TO ATTACH TO?
```

```
2 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT
```

```
>RUN %SU\%SHUTD
```

```
SHUTUP V7.0-07 RSTS V7.0-07 * NIKA CORP *
```

```
01:17 PM 11-NOV-80 ##### SET-UP DIALOGUE PHASE #####
```

```
TYPE 'ESC'('ALT') TO ANY QUERY TO BACKUP ONE (1) STEP
```

```
USE 'OPSER' FOR UTILITIES SHUTDOWN (YES/NO) <YES>
```

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

ALLOW UTILITIES TO REACH LOGICAL END POINT (YES/NO) <YES>?  
MINUTES UNTIL SYSTEM SHUTDOWN (0-99) <5>? 0

90

01:17 PM 11-NOV-80 ##### WARNING MESSAGE PHASE #####  
FURTHER LOGINS ARE NOW DISABLED

01:17 PM 11-NOV-80 ##### INITIAL JOB KILLING PHASE #####

01:17 PM 11-NOV-80 ##### 'OPSER' SHUTDOWN PHASE #####  
DETACHING...

'OPSER' ATTACHING

#  
JOB #5 'BA0SPL' TAKEN OFFLINE

#  
MESSAGE 3 : 11-NOV-80 01:17 PM JOB:3 DET QUMRUN[1,10]  
BA0SPL (5) REQUESTED OFF-LINE -- TAKEN OFF-LINE

#  
JOB #4 'LP0SPL' TAKEN OFFLINE

#  
MESSAGE 4 : 11-NOV-80 01:17 PM JOB:3 DET QUMRUN[1,10]  
LP0SPL (4) REQUESTED OFF-LINE -- TAKEN OFF-LINE

#  
JOB #3 'QUEMAN' TAKEN OFFLINE

# 'OPSER' TERMINATING

RE-ATTACHING...

01:17 PM 11-NOV-80 ##### 'ERRCPY' SHUTDOWN PHASE #####

01:17 PM 11-NOV-80 ##### REMOVE RTS/RES LIB PHASE #####

01:17 PM 11-NOV-80 ##### SWAP FILE REMOVAL PHASE #####

01:17 PM 11-NOV-80 ##### DISK DISMOUNT PHASE #####

01:17 PM 11-NOV-80 ##### FINAL SHUTDOWN PHASE #####

PLEASE WAIT FOR SYSTEM TO RE-BOOT ITSELF

RSTS V7.0-07 \* NIKA CORP \* (DP0)

OPTION: REF

11-NOV-80?

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

501577

C



01:18 PM?

91

DISK?

CLEAN? Y

DISK IS BEING CLEANED - WAIT ...

[1:6]JERRDAT.FIL HAS A BAD BLOCK.  
DELETE? N

REFRESH SUBOPTION?

OPTION: IMAGE~U  
SAV

11-NOV-80?  
01:20 PM?

SAV/RES FUNCTION: IMAGE

FROM RSTS DISK? DP0

\*\*\* INPUT PACK ID/DEFAULT OUTPUT PACK ID IS NIKA

TO RSTS DP: DISK? DP1

\*\*\* THE VOLUME ON DP1: IS A RSTS DISK  
\*\*\* PACK ID IS NIKA

\*\*\* PACK WILL BE REINITIALIZED  
MOUNT IT ANYWAY <NO>? YES

\*\*\* OUTPUT PACK ID IS NIKA

VERIFY (YES OR NO) <NO>? YES

PROCEED (YES OR NO)? YES

\*\*\* BEGIN IMAGE COPY FROM DP0: TO DP1: AT 01:21 PM

\*\*\* BEGIN VERIFY PASS FROM DP0: TO DP1: AT 01:23 PM

\*\*\* 0 DIFFERENCES FOUND

DISMOUNT DEVICE: DP1:  
PACK ID: NIKA  
PACK CLUSTERSIZE: 2  
CREATION DATE: MONDAY, 10-NOV-80

PLEASE LABEL THIS VOLUME!

IMAGE COPY OPERATION COMPLETED AT 01:26 PM

SUMMARY REPORT

IMAGE COPY OF DP0:NIKA TO DP1:NIKA

INPUT DEVICE: DP0:  
PACK ID: NIKA  
PACK CLUSTERSIZE: 2  
CREATION DATE: MONDAY, 10-NOV-80

OUTPUT DEVICE: DP1:

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

PACK 00: NIKA  
PACK CLUSTERSIZE: 2  
CREATION DATE: MONDAY, 10-NOV-80

92

IMAGE COPY STARTED ON TUESDAY, 11-NOV-80, AT 01:21 PM

RUN STATISTICS

TRANSFER TOTALS:

TOTAL OF 20050 BLOCKS TRANSFERRED

ERROR TOTALS:

TOTAL OF 0 BAD COMPARES.

TOTAL OF 0 NEW BAD BLOCKS ENCOUNTERED ON SOURCE.

TOTAL OF 0 NEW BAD BLOCKS ENCOUNTERED ON DESTINATION.

0 FILES STRUCTURALLY ALTERED.

TIMING TOTALS:

TOTAL ELAPSED TIME: 0 HRS., 5 MINS., 15 SECS.

TOTAL WAIT TIME: 0 HRS., 0 MINS., 0 SECS.

TOTAL PROCESS TIME: 0 HRS., 5 MINS., 15 SECS.

SAV/RES FUNCTION: ^Z

OPTION:

YOU CURRENTLY HAVE: JOB MAX = 15, SWAP MAX = 31K.

YOU CURRENTLY HAVE CRASH DUMP ENABLED.

11-NOV-80?

01:27 PM?

INIT V7.0-07A

RSTS V7.0-07 \* NIKA CORP \*

COMMAND FILE NAME?

DETACHING...

^C

HELLO 1/10

PASSWORD:

>RUN #UTILITY

UTILITY V7.0-07B

RSTS V7.0-07 \* NIKA CORP \*

#ADD RT11

#ADD RMS11

#ADD BASIC

#ADD DICOMP

#ADD DIBOL

#ADD DIBOLR

#ADD FOCOMP

#ADD FOCOMR

#ADD TECO

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



#EXIT  
>BYE/F

93

ATTACHING TO JOB 1  
DETACHING..

TC  
HELLO 1710  
PASSWORD:

>RUN (1,2)UTILITY  
UTILITY V7.0-078 RTS V7.0-07 \* NIKK CORP \*  
#ADD BASIC2.RTS  
#ADD BP2COM.RTS  
#CCL BP2-IC2=SY:(1,2)BASIC2.TSK;30000  
#NAME BP2COM=SY:(1,2)BASIC2.TSK  
#ADD LIBRARY SY:(0,1)BASICS.LIB/ADDR:116  
#EXIT  
>BYE/F

ATTACHING TO JOB 1  
DETACHING..

TC  
HELLO 1710  
PASSWORD:

>RUN \$TTYSET

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

TTYSET V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
TERMINAL CHARACTERISTICS PROGRAM  
? KB0:;FILL LA305;LC INPUT  
FOR KB0:; KB8:;LA120;SPEED 4800  
FOR KB8:; KB9:;VT100;SPEED 4800  
FOR KB9:; EXIT  
>BYE7F

94

ATTACHING TO JOB 1  
DETACHING...

HELLO 1/10  
PASSWORD:

>  
>RUN SY:(1,7)OPSER  
OPSER V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
#DETACH  
DETACHING...

HELLO 1/10  
PASSWORD:  
JOB 2 IS DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT

>RUN SY:(1,7)QUEMAN  
QUEMAN V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
STARTED AT: 01:28 PM ON 11-NOV-80  
QUEUE FILE DATA CHECKED FOR CONSISTENCY  
# SPOOLERS ONLINE = 0; WILL CLEAR TABLE  
#  
JOB #3 'QUEMAN' PUT ONLINE  
DETACH/PRIORITY:0  
DETACHING...

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

00



HELLO 1/10

PASSWORD:

JOB 2 3 ARE DETACHED UNDER THIS ACCOUNT

JOB NUMBER TO ATTACH TO?

2 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

ORUN SY:(1,7)SPOOL

SPOOL V7.0-07B

RSTS V7.0-07 \* NIKH CORP \*

#LP0:/HEAD:1

DETACHING...

HELLO 1/10

PASSWORD:

JOB 2 3 4 ARE DETACHED UNDER THIS ACCOUNT

JOB NUMBER TO ATTACH TO?

3 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

JOB #4 'LP0SPL' PUT ONLINE

MESSAGE

1 : 11-NOV-80 01:28 PM JOB:3 DET QUMRUN[1,10]

LP0SPL (4) PUT ONLINE

RUN SY:(1,7)BATCH

BATCH V7.0-07B

RSTS V7.0-07 \* NIKH CORP \*

#BA0:/ERROR:FATAL/NOQUEUE/NODELETE

DETACHING...

ATTACHING TO JOB 1

DETACHING...

HELLO 1/10

PASSWORD:

JOB 2 3 4 5 ARE DETACHED UNDER THIS ACCOUNT

JOB NUMBER TO ATTACH TO?

4 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

JOB #5 'BA0SPL' PUT ONLINE

MESSAGE

2 : 11-NOV-80 01:29 PM JOB:3 DET QUMRUN[1,10]

BA0SPL (5) PUT ONLINE

RUN \$UTILITY

UTILITY V7.0-07B

RSTS V7.0-07 \* NIKH CORP \*

#CCL ATT-ACH=\$LOGIN.\*;PRIV 30000

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

#CCL ATP-K=#ATAP.\*;PRIV 30000  
#CCL BCK-=#RMSBCK.TSK;0  
#CCL BPC-REF=#BPCREF.\*;30000  
#CCL BYE-=#LOGOUT.\*;PRIV 0  
#CCL CNV-=#RMSCNV.TSK;0  
#CCL CRE-ATE=#EDIT.\*;30000  
#CCL DEF-=#RMSDEF.TSK;0  
#CCL DFN-=#RMSDFN.TSK;0  
#CCL DES-=#RMSDES.TSK;0  
#CCL DIS-MOUNT=#UMOUNT.\*;PRIV 30000  
#CCL DI-RECTORY=#DIRECT.\*;PRIV 30000  
#CCL DSP-=#RMSDSP.TSK;0  
#CCL EDT-=#EDT.TSK;0  
#CCL ED-IT=#EDIT.\*;30000  
#CCL FIT-=#FIT.\*;PRIV 30000  
#CCL HELLO-=#LOGIN.\*;PRIV 0  
#CCL HELP-=#HELP.\*;PRIV 30000  
#CCL IFL-=#RMSIFL.TSK;0  
#CCL LBR-=#LBR.TSK;0  
#CCL LIBR-=#LIBR.SAV;8208  
#CCL LIN-K=#LINK.SAV;8208  
#CCL LOG-IN=#LOGIN.\*;PRIV 0  
#CCL MACR-O=#MACRO.SAV;8216  
#CCL MAC-=#MAC.TSK;0  
#CCL MAK-E=#TECO.TEC;0  
#CCL MOU-NT=#UMOUNT.\*;PRIV 30000  
#CCL MU-NG=#TECO.TEC;0  
#CCL PAT-=#PAT.TSK;0  
#CCL PIP-=#PIP.SAV;8208  
#CCL PL-EASE=#PLEASE.\*;PRIV 30000  
#CCL QU-EUE=#QUE.\*;PRIV 30000  
#CCL RST-=#RMSRST.TSK;PRIV 0  
#CCL SE-T=#TTYSET.\*;PRIV 30000  
#CCL SRT-=#SORT.TSK;0  
#CCL SU-BMIT=#QUE.\*;PRIV 30000  
#CCL SW-ITCH=#SWITCH.\*;PRIV 30000  
#CCL SY-STAT=#SYSTAT.\*;PRIV 30000  
#CCL TE-CO=#TECO.TEC;0  
#CCL TKB-=#TKB.TSK;0  
#CCL TY-PE=#TYPE.TEC;0  
#CCL UT-ILTY=#UTILTY.\*;30000  
#EXIT  
>BYE/F

ATTACHING TO JOB 1  
DETACHING...

HELLO 1/2  
PASSWORD:  
JOB 1 IS DETACHED UNDER THIS ACCOUNT

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

501583



JOB NUMBER TO ATTACH TO?  
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT

97

>RUN SY:(1,2)UTILITY  
UTILITY V7.0-07B RSTS V7.0-07 \* NIKA CORP \*  
#REMOVE LOGICAL LB  
#ADD LOGICAL SY:(1,1)LB  
#EXIT  
>BYE/F

ATTACHING TO JOB 1  
RUN SY:(1,6)ERRINT  
100  
NO  
>  
ERRINT V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
ERRLOG FILE IS 2% FULL  
CHANGE SIZE TO <100>?  
UTILIZE CRASH FILE OUTPUT (YES/NO) <NO>?  
DETACHING . . .

I 1,2  
PASSWORD:  
JOB 1 IS DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT

\*\*\*\*\*  
\* WELCOME \*  
\* TO \*  
\* NIKA CORPORATION \*  
\* \*\*\*\*\* \*  
\* RSTS/E V7.0 \*  
\*\*\*\*\*

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

>HELLO 1,6  
PASSWORD:



>SY/F

SMALL	LARGE	JOB	HUNG	TTY'S	ERRORS
211	1	6/15	0	0	

>DIR ERRDAT.FIL/S

NAME	EXT	SIZE	PROT	ACCESS	DATE	TIME	CLU	RTS	POS
ERRDAT.FIL		67	< 60>	09-NOV-80	09-NOV-80	03:01 PM	2	...	R5X 3234

TOTAL OF 67 BLOCKS IN 1 FILE IN SY:[1,6]

>DIR \$FIT.OBJ/S

?NO SUCH FILE AS FIT.OBJ ON SY:[1,2]

>SY/FD

DISK STRUCTURE:

DISK	OPEN	FREE	CLUSTER	ERRORS	NAME	COMMENTS
DP0	22	59222	2	0	NIKA	PUB, DLW

SMALL	LARGE	JOB	HUNG	TTY'S	ERRORS
202	1	6/15	0	0	

>SY/R

RUN-TIME SYSTEMS:

NAME	EXT	SIZE	USERS	COMMENTS
R5X	TSK	3(28)K	0	PERM, ADDR:29, KBM
R11	SAV	4(28)K	0	NON-RES, KBM, CSZ, EMT:255
RAS11	TSK	4(28)K	0	NON-RES
BASIC	BAC	16(16)K	0	NON-RES, KBM, CSZ
DICOMP	DBL	7(20)K	0	NON-RES, REM
DIBOL	TSK	8(24)K	0	NON-RES
DIBOLR	TSK	8(24)K	0	NON-RES
FOCOMP	DCF	14(16)K	0	NON-RES, REM
FOCOMR	DCF	14(16)K	0	NON-RES, REM
TECO	TEC	8(24)K	0	NON-RES
BASIC2	TSK	16(16)K	0	NON-RES
BP2COM	TSK	4(28)K	0	NON-RES, KBM

>RUN \$SHUTUP

SHUTUP V7.0-07 RSTS V7.0-07 \* NIKA CORP \*

03:10 PM 11-NOV-80 ##### SET-UP DIALOGUE PHASE #####

TYPE 'ESC'('ALT') TO ANY QUERY TO BACKUP ONE (1) STEP

USE 'OPSER' FOR UTILITIES SHUTDOWN (YES/NO) <YES>

ALLOW UTILITIES TO REACH LOGICAL END POINT (YES/NO) <YES>?

MINUTES UNTIL SYSTEM SHUTDOWN (0-99) <5>? 0

03:10 PM 11-NOV-80 ##### WARNING MESSAGE PHASE #####

FURTHER LOGINS ARE NOW DISABLED

03:10 PM 11-NOV-80 ##### INITIAL JOB KILLING PHASE #####

03:10 PM 11-NOV-80 ##### 'OPSER' SHUTDOWN PHASE #####

DETACHING...

'OPSER' ATTACHING

#

501585

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



JOB #5 BAOSPL TAKEN OFFLINE

MESSAGE 3 : 11-NOV-80 03:10 PM JOB:3 DET QUMRUN[1,10]  
BAOSPL (5) REQUESTED OFF-LINE -- TAKEN OFF-LINE

JOB #4 LP0SPL TAKEN OFFLINE

MESSAGE 4 : 11-NOV-80 03:10 PM JOB:3 DET QUMRUN[1,10]  
LP0SPL (4) REQUESTED OFF-LINE -- TAKEN OFF-LINE

JOB #3 QUEMAN TAKEN OFFLINE  
#OPSER TERMINATING

RE-ATTACHING...

03:11 PM 11-NOV-80 ##### ERRCPY SHUTDOWN PHASE #####

03:11 PM 11-NOV-80 ##### REMOVE RTS/RES LIB PHASE #####

03:11 PM 11-NOV-80 ##### SWAP FILE REMOVAL PHASE #####

03:11 PM 11-NOV-80 ##### DISK DISMOUNT PHASE #####

03:11 PM 11-NOV-80 ##### FINAL SHUTDOWN PHASE #####

PLEASE WAIT FOR SYSTEM TO RE-BOOT ITSELF

RSTS V7.0-07 \* NIKA CORP \* (DP0)

OPTION: SAVRES

11-NOV-80?

03:11 PM?

SAV/RES FUNCTION: IMAGE

FROM RSTS DISK? DP0

\*\*\* INPUT PACK ID/DEFAULT OUTPUT PACK ID IS NIKA

TO RSTS DP: DISK? DP1

\*\*\* THE VOLUME ON DP1: IS A RSTS DISK

\*\*\* PACK ID IS NIKA

\*\*\* PACK WILL BE REINITIALIZED

MOUNT IT ANYWAY (NO)? YES

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

\*\*\* OUTPUT PACK ID IS NIKR

100

VERIFY (YES OR NO) <NO>? YES

PROCEED (YES OR NO)? YES

\*\*\* BEGIN IMAGE COPY FROM DP0: TO DP1: AT 03:12 PM

\*\*\* BEGIN VERIFY PASS FROM DP0: TO DP1: AT 03:14 PM

\*\*\* 0 DIFFERENCES FOUND

DISMOUNT DEVICE: DP1:  
PACK ID: NIKR  
PACK CLUSTER SIZE: 2  
CREATION DATE: MONDAY, 10-NOV-80

PLEASE LABEL THIS VOLUME!

--- IMAGE COPY OPERATION COMPLETED AT 03:17 PM

#### SUMMARY REPORT

IMAGE COPY OF DP0:NIKR TO DP1:NIKR

INPUT DEVICE: DP0:  
PACK ID: NIKR  
PACK CLUSTER SIZE: 2  
CREATION DATE: MONDAY, 10-NOV-80

OUTPUT DEVICE: DP1:  
PACK ID: NIKR  
PACK CLUSTER SIZE: 2  
CREATION DATE: MONDAY, 10-NOV-80

IMAGE COPY STARTED ON TUESDAY, 11-NOV-80, AT 03:12 PM

#### RUN STATISTICS

TRANSFER TOTALS:

TOTAL OF 20732 BLOCKS TRANSFERRED

ERROR TOTALS:

TOTAL OF 0 BAD COMPARES.

TOTAL OF 0 NEW BAD BLOCKS ENCOUNTERED ON SOURCE.

TOTAL OF 0 NEW BAD BLOCKS ENCOUNTERED ON DESTINATION.

0 FILES STRUCTURALLY ALTERED.

TIMING TOTALS:

TOTAL ELAPSED TIME: 0 HRS., 5 MINS., 3 SECS.

TOTAL WAIT TIME: 0 HRS., 0 MINS., 0 SECS.

TOTAL PROCESS TIME: 0 HRS., 5 MINS., 3 SECS.

SAVRES FUNCTION: ~Z

OPTION:

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

501587



OPTION: HARD LIST

NAME	ADDRESS	VECTOR	COMMENTS
TT:	177560	060	
RP:	176700	254	RP03 UNITS: 0 1
TM:	172520	224	
LP0:	177514	200	
DM0:	170500	300	DH0
DH0:	160020	310	

KW11L	177546	100
SR	177570	
DR	177570	

HERTZ = 60.

OTHER: SL

OPTION: FILL LA305

OPTION: REF

DD-MMM-YY? 12-NOV-80  
12:01 AM? 9:49 AM

DISK?

CLEAN? YES

DISK IS BEING CLEANED - WAIT ...

[1,6]ERRDAT.FIL HAS A BAD BLOCK.  
DELETE? NO

REFRESH SUBOPTION?

OPTION:

YOU CURRENTLY HAVE: JOB MAX = 15. SWAP MAX = 31K.

YOU CURRENTLY HAVE CRASH DUMP ENABLED.

12-NOV-80?

09:50 AM?

INIT V7.0-07A

RSTS V7.0-07 \* NIKA CORP \*

COMMAND FILE NAME?

DETACHING...

^C

HELLO 1/10

PASSWORD:

>RUN #UTILITY

UTILITY V7.0-07B

RTS V7.0-07 \* NIKH CORP \*

#ADD RT11

#ADD RNS11

#ADD BASIC

#ADD DTCOMP

#ADD DIBOL

#ADD DIBOLR

#ADD FOCOMP

#ADD FOCOMR

#ADD TECO

#EXIT

>BYE/F

ATTACHING TO JOB 1

DETACHING...

TO

HELLO 1/10

PASSWORD:

>RUN (1,2)UTILITY

UTILITY V7.0-07B

RTS V7.0-07 \* NIKH CORP \*

#ADD BASIC2.RTS

#ADD BP2COM.RTS

#OCL BP2-IC2=SY:(1,2)BASIC2.TSK;30000

#NAME BP2COM=SY:(1,2)BASIC2.TSK

#ADD LIBRARY SY:(0,1)BASICS.LIB/ADDR:116

#EXIT

>BYE/F

ATTACHING TO JOB 1

DETACHING...

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



^C  
HELLO 1/10  
PASSWORD:

>  
>RUN #TTYSET  
TTYSET V7.0-07A RSTS V7.0-07 \* NIKH CORP \*  
TERMINAL CHARACTERISTICS PROGRAM  
? KB0:;FILL LA305;LC INPUT  
FOR KB0:; KB8:; LA120;SPEED 4800  
FOR KB8:; KB9:; VT100;SPEED 4800  
FOR KB9:; EXIT  
>BYE/F

ATTACHING TO JOB 1  
DETACHING...

^C  
HELLO 1/10  
PASSWORD:

>  
>RUN SY:(1,7)OPSER  
OPSER V7.0-07 RSTS V7.0-07 \* NIKH CORP \*  
#DETACH  
DE^C  
HELLO 1/10  
PASSWORD:  
JOB 2 IS DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT

>RUN SY:(1,7)QUEMAN  
QUEMAN V7.0-07 RSTS V7.0-07 \* NIKH CORP \*  
STARTED AT: 09:51 AM ON 12-NOV-80  
QUEUE FILE DATA CHECKED FOR CONSISTENCY  
# SPOOLERS ONLINE = 0; WILL CLEAR TABLE  
#  
JOB #3 'QUEMAN' PUT ONLINE

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

501599

HELLO 1/10  
PASSWORD:  
JOBS 2 3 ARE DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
2 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

>RUN SY.(1,7)SPOOL  
SPOOL V7.0-07A RSTS V7.0-07 \* NIKA CORP \*  
#LP0:/HEAD.1  
DET00  
HELLO 1/10  
PASSWORD:  
JOBS 2 3 4 ARE DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
3 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

>  
JOB #4 LP0SPL PUT ONLINE

MESSAGE 1 : 12-NOV-80 09:51 AM JOB:3 DET QUMRUN(1,10)  
LP0SPL (4) PUT ONLINE  
RUN SY.(1,7)BATCH  
BATCH V7.0-07B RSTS V7.0-07 \* NIKA CORP \*  
#BA0:/ERROR.FATAL/NOQUEUE/NODELETE  
DETACHING...

ATTACHING TO JOB 1  
DETACHING...

FC  
HELLO 1/10  
PASSWORD:  
JOBS 2 3 4 5 ARE DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
4 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

>  
JOB #5 BA0SPL PUT ONLINE

MESSAGE 2 : 12-NOV-80 09:52 AM JOB:3 DET QUMRUN(1,10)  
BA0SPL (5) PUT ONLINE  
RUN #UTILTY  
UTILITY V7.0-07B RSTS V7.0-07 \* NIKA CORP \*



#CCL ATT-ACH=\$LOGIN.\*;PRIV 30000  
#CCL ATP-K=\$ATPK.\*;PRIV 30000  
#CCL BCK-=\$RMSBCK.TSK;0  
#CCL BPC-REF=\$BPCREF.\*;30000  
#CCL BYE-=\$LOGOUT.\*;PRIV 0  
#CCL CNV-=\$RMSCNV.TSK;0  
#CCL CRE-ATE=\$EDIT.\*;30000  
#CCL DEF-=\$RMSDEF.TSK;0  
#CCL DFN-=\$RMSDFN.TSK;0  
#CCL DES-=\$RMSDES.TSK;0  
#CCL DIS-MOUNT=\$UMOUNT.\*;PRIV 30000  
#CCL DI-RECTORY=\$DIRECT.\*;PRIV 30000  
#CCL DSP-=\$RMSDSP.TSK;0  
#CCL EDT-=\$EDT.TSK;0  
#CCL ED-IT=\$EDIT.\*;30000  
#CCL FIT-=\$FIT.\*;PRIV 30000  
#CCL HELLO-=\$LOGIN.\*;PRIV 0  
#CCL HELP-=\$HELP.\*;PRIV 30000  
#CCL IFL-=\$RMSIFL.TSK;0  
#CCL LBR-=\$LBR.TSK;0  
#CCL LIBR-=\$LIBR.SAV;8208  
#CCL LIN-K=\$LINK.SAV;8208  
#CCL LOG-IN=\$LOGIN.\*;PRIV 0  
#CCL MACR-O=\$MACRO.SAV;8216  
#CCL MAC-=\$MAC.TSK;0  
#CCL MAK-E=\$TECO.TEC;0  
#CCL MOU-NT=\$UMOUNT.\*;PRIV 30000  
#CCL MU-NG=\$TECO.TEC;0  
#CCL PAT-=\$PAT.TSK;0  
#CCL PIP-=\$PIP.SAV;8208  
#CCL PL-EASE=\$PLEASE.\*;PRIV 30000  
#CCL QU-EUE=\$QUE.\*;PRIV 30000  
#CCL RST-=\$RMSRST.TSK;PRIV 0  
#CCL SE-T=\$TTYSET.\*;PRIV 30000  
#CCL SRT-=\$SORT.TSK;0  
#CCL SU-BMIT=\$QUE.\*;PRIV 30000  
#CCL SW-ITCH=\$SWITCH.\*;PRIV 30000  
#CCL SY-STAT=\$SYSTAT.\*;PRIV 30000  
#CCL TE-CO=\$TECO.TEC;0  
#CCL TKB-=\$TKB.TSK;0  
#CCL TY-PE=\$TYPE.TEC;0  
#CCL UT-ILTY=\$UTILITY.\*;30000  
#EXIT  
>BYE/F

ATTACHING TO JOB 1  
DETACHING...

^C  
HELLO 1/2  
PASSWORD:

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

JOB 1 IS DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT

106

>RUN SY:(1,2)UTILITY  
UTILITY V7.0-07B RSTS V7.0-07 \* NIKA CORP \*  
#REMOVE LOGICAL LB  
#ADD LOGICAL SY:(1,1)LB  
#EXIT  
#IVE/F

ATTACHING TO JOB 1  
RUN SY:(1,6)ERRINT  
100  
NO  
ERRINT V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
ERRLOG FILE IS 2% FULL  
CHANGE SIZE TO < 100 >?  
UTILIZE CRASH FILE OUTPUT (YES/NO) <NO>?  
DETACHING

SY/DT

DISK STRUCTURE:

DISK	OPEN	FREE	CLUSTER	ERRORS	NAME	COMMENTS
DPO	21	59244	2	0	NIKA	PUB, DLW

SMALL	LARGE	JOBS	HUNG	TTY'S	ERRORS
206	1	6/15	0		0

11/12  
PASSWORD:

JOB 1 IS DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
2 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

>RUN \$ATPK  
ATPK V7.0-07B RSTS V7.0-07 \* NIKA CORP \*  
#(1,2)BLDF11.NEW  
>ASSIGN MTO:AMO:1  
>ASSIGN SY0:SYSDEK  
>ASSIGN SY:SYSTEM  
>ASSIGN [1,2]  
>ASSIGN MTO:INPUT  
>

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



> RUN SY:[1,2]CPATCH

CPATCH V7.0-07 RSTS V7.0-07 \* NIKH CORP \*

FILE TO PATCH - SY:[1,2]FIT.BAS=MT0:[1,2]FIT.BAS/M0:2

#SY:[200,200]PA1115.002/CS:240

\*H/2!/V

2! PROGRAM : FIT.BAS

\*H/6!/V

6! EDIT : 07

\*G/07/I/A/V

6! EDIT : 07A

\*H/7!/V

7! EDIT DATE : 24-SEP-79

\*G/24-SEP-79/-9C/21-JAN-80/V

7! EDIT DATE : 21-JAN-80

\*H/21 !/V

21 ! VER/ED EDIT DATE REASON &

\*AI

! 7.0-07A 21-JAN-80 RECOGNIZE DOS DISKS &

\*V

! &

\*H/1010 /V

1010 IDENT. STG#="V7.0-07" &

\*G/07/I/A/V

1010 IDENT. STG#="V7.0-07A" &

\*H/15060 /V

15060 T0# = FNBUFFZ(BUFFZ, 512Z) &

\*AI

\ GET #CH.BUFFZ, RECORD 1Z IF STAZ<4Z &

\*V

\ GET #CH.BUFFZ, RECORD 64Z IF STAZ=4Z &

\*EX

PATCH FROM \_SY:[200,200]PA1115.002 COMPLETE.

#SY:[200,200]PA1115.003/CS:52084

\*H/2!/V

2! PROGRAM : FIT.BAS

\*H/6!/V

6! EDIT : 07A

\*G/07A/-C/B/V

6! EDIT : 07B

\*H/7!/V

7! EDIT DATE : 21-JAN-80

\*G/21-JAN-80/-9C/22-JAN-80/V

7! EDIT DATE : 22-JAN-80

\*H/21 !/V

21 ! VER/ED EDIT DATE REASON &

\*AI

! V7.0-07B 22-JAN-80 ALLOW MODE SPECIFICATION ON INPU

T &

\*V

! 7.0-07A 21-JAN-80 RECOGNIZE DOS DISKS &

\*H/1010 /V

1010 IDENT. STG#="V7.0-07A" &

\*G/07A/-C/B/V

1010 IDENT. STG#="V7.0-07B" &

\*H/1120 /V

1120 IN.DEVZ=FNOPEN.DEVZ(1Z) &

\*G/786/V

\ T0# = FNBUILD\$(1Z, 786Z) &

\*-2C/68/V

\ T0# = FNBUILD\$(1Z, 768Z) &

\*EX

PATCH FROM \_SY:[200,200]PA1115.003 COMPLETE.

#SY:[200,200]PA1115.004/CS:27407

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

501603

```
*H/21/V
2! PROGRAM : FIT.BAS
*H/61/V
6! EDIT : 07B
*G/07B/-C/C/V
6! EDIT : 07C
*H/71/V
7! EDIT DATE : 22-JAN-80
*G/22-JAN-80/9C/17-MAR-80/V
7! EDIT DATE : 17-MAR-80
*H/21 /G/REASON/V
21 ! VER/ED EDIT DATE REASON &
*H/1 ! V7.0-07C 17-MAR-80 FIX FILE NAME PARSING &
*H/V ! V7.0-07B 22-JAN-80 ALLOW MODE SPECIFICATION ON INPUT &
*H/1010 /V
1010 IDENT: STG#="V7.0-07B" &
*G/07B/-C/C/V
1010 IDENT: STG#="V7.0-07C" &
*H/1110 /V
1110 EQ%=INSTR(1%, COMM. LINE#, "=") &
*15AV
*H/1110 \ ERR. MSG#="?OPERATION DOES NOT TAKE OUTPUT SPEC" &
*H/1110 \ ERR. MSG#="?ILLEGAL WILDCARDS FOR OUTPUT = " + T2% &
IF (FW2% AND 4%) OR (FW2% AND 64%) &
OR ((FW2% AND 256%)*2% XOR (FW2% AND 512%)) &
*H/13110 /V
13110 FOR T0%=MFD. PTR% TO 62% &
*H/13110 \ FIELD #7%, 2%+T0%*8% AS B0%, 1% AS B1%, 1% AS B2%, 2% AS
B0% &
*G/B1/-C/2/V
\ FIELD #7%, 2%+T0%*8% AS B0%, 1% AS B2%, 1% AS B2%, 2% AS
B0% &
*G/B2/-C/1/V
\ FIELD #7%, 2%+T0%*8% AS B0%, 1% AS B2%, 1% AS B1%, 2% AS
B0% &
*H/13110 \ PATCH FROM _SY:[200,200]PA1115.004 COMPLETE.
*H/2
FILE TO PATCH - C2
>RUN _SY:[1,2]JCSPCOM.TSK
CSP>SY:[1,2]FIT.OBJ/DE:SY:[1,2]FIT.BAS
CSP>?Z
>RUN _SY:[1,2]TKB.TSK
TKB>SY:[1,2]FIT.TSK/PP=SY:[1,2]FIT.OBJ/DE:SY:[1,2]JCSPCOM.OLB/LEB
TKB>/
ENTER OPTIONS:
TKB>UNITS=12
TKB>ASG=SY:5.6.7.8.9.10.11.12
TKB>/
>RUN _SY:[1,2]PIP.SAV
*SY:[1,2]FIT.OBJ/DE:NO
*H/2
>RUN _SY:[1,2]PIP.SAV
*SY:[1,2]FIT.TSK<232>7RE
*H/2
>RUN _SY:[1,2]PIP.SAV
*SY:[1,2]FIT.BAS/DE:NO
*H/2
>
```

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



>\*\*\*\* BUILD COMPLETE \*\*\*  
>DEASSIGN  
>PIP BLDFIT NEW/DE  
>SY/C

MEMORY ALLOCATION TABLE:

START	END	LENGTH	PERMANENT	TEMPORARY
0K -	28K (	29K)	MONITOR	
29K -	31K (	3K)	RSX	RTS
32K -	39K (	8K)	** XBUF **	
40K -	115K (	76K)	(USER)	
116K -	123K (	8K)	(USER)	BASICS LIB
124K -	*** END ***			

>SY/F

SMALL	LARGE	JOB	HUNG	TTY'S	ERRORS
187	1	9715	0		0

>SY/D

DISK STRUCTURE:

DISK	OPEN	FREE	CLUSTER	ERRORS	NAME	COMMENTS
DP0	24	58842	2	0	NIKA	PUB, DLW

MESSAGE 3 : 12-NOV-80 10:48 AM JOB:4 DET SPLRUN[1,10]  
LP0 : HUNG - JOB: [1,10]UTILITY FILE - SY : [1,2]UTILT

Y. HLP  
BLOCK: 2  
(PUT DEVICE ONLINE TO CONTINUE)

MESSAGE 4 : 12-NOV-80 10:50 AM JOB:4 DET SPLRUN[1,10]  
LP0 : HUNG - JOB: [1,10]UTILITY FILE - SY : [1,2]UTILT

Y. HLP  
BLOCK: 10  
(PUT DEVICE ONLINE TO CONTINUE)  
SY/S-

RSTS V7.0-07 \* NIKA CORP \* STATUS AT 12-NOV-80, 11:28 AM UP: 1:38:44

JOB	WHO	WHERE	WHAT	SIZE	STATE	RUN-TIME	PRI/RB	RTS
1	1,2	DET	ERRCPY	10/31K	SR C11	2:40.1	0/6	... RSX
2	1,10	DET	OPSRUN	21/31K	SL	9.9	-8/6	... RSX
3	1,10	DET	QUMRUN	23/31K	SL C13	13.6	0/6	... RSX
4	1,10	DET	SPLIDL	22/31K	SL C12	0.2	-8/6	... RSX
5	1,10	DET	BATIDL	19/31K	SL C09	2.0	-8/6	... RSX
6	1,9	KB8	ATPK	14/31K	SL C14	19.2	-8/6	... RSX
7	1,2	KB0	SYSTAT	17/31K	RN LCK	11.6	-8/6	... RSX
8	1,9	KB9	...MCR	1/31K	C C10	0.3	-8/6	RSX
9	1,9	P0J6	...TKB	31/31K	RN	6:28.1	-8/6	... RSX

>RUN \$SHUTUP  
SHUTUP V7.0-07 RSTS V7.0-07 \* NIKA CORP \*

01:13 PM 12-NOV-80 ##### SET-UP DIALOGUE PHASE #####

TYPE 'ESC' (<'ALT') TO ANY QUERY TO BACKUP ONE (1) STEP

USE 'OPSER' FOR UTILITIES SHUTDOWN (YES/NO) <YES>  
ALLOW UTILITIES TO REACH LOGICAL END POINT (YES/NO) <YES>?  
MINUTES UNTIL SYSTEM SHUTDOWN (0-99) <5>? 0

01:14 PM 12-NOV-80 ##### WARNING MESSAGE PHASE #####  
FURTHER LOGINS ARE NOW DISABLED

01:14 PM 12-NOV-80 ##### INITIAL JOB KILLING PHASE #####

P/N 36-09829

digital

01:14 PM 12-NOV-80 ##### OPSER SHUTDOWN PHASE #####  
DETACHING.

110

OPSER ATTACHING

#

JOB #5 BA0SPL TAKEN OFFLINE

#

MESSAGE 5 : 12-NOV-80 01:14 PM JOB:3 DET QUMRUN[1,10]  
BA0SPL (5) REQUESTED OFF-LINE -- TAKEN OFF-LINE

#

JOB #4 LP0SPL TAKEN OFFLINE

#

MESSAGE 6 : 12-NOV-80 01:14 PM JOB:3 DET QUMRUN[1,10]  
LP0SPL (4) REQUESTED OFF-LINE -- TAKEN OFF-LINE

#

JOB #3 QUENAN TAKEN OFFLINE

# OPSER TERMINATING

RE-ATTACHING.

01:14 PM 12-NOV-80 ##### ERRCOPY SHUTDOWN PHASE #####

01:14 PM 12-NOV-80 ##### REMOVE RTS/RES LIB PHASE #####

01:14 PM 12-NOV-80 ##### SWAP FILE REMOVAL PHASE #####

01:14 PM 12-NOV-80 ##### DISK DISMOUNT PHASE #####

01:14 PM 12-NOV-80 ##### FINAL SHUTDOWN PHASE #####

PLEASE WAIT FOR SYSTEM TO RE-BOOT ITSELF

RSTS V7.0-07 \* NIKA CORP \* (DP0)

OPTION SAVRES

12-NOV-80?

01:16 PM?

SAV/RES FUNCTION: IMAGE

FROM RSTS DISK? DP0

\*\*\* INPUT PACK ID/DEFAULT OUTPUT PACK ID IS NIKA

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



TO RSTS DP: DISK? DP1

///

\*\*\* THE VOLUME ON DP1: IS A RSTS DISK

\*\*\* PACK ID IS NIKR

\*\*\* PACK WILL BE REINITIALIZED  
MOUNT IT ANYWAY <NO>? YES

\*\*\* OUTPUT PACK ID IS NIKR

VERIFY (YES OR NO) <NO>? YES

PROCEED (YES OR NO)? YES

\*\*\* BEGIN IMAGE COPY FROM DP0: TO DP1: AT 01:17 PM

\*\*\* BEGIN VERIFY PASS FROM DP0: TO DP1: AT 01:20 PM

\*\*\* 0 DIFFERENCES FOUND

DISMOUNT DEVICE: DP1:

PACK ID: NIKR

PACK CLUSTER SIZE: 2

CREATION DATE: MONDAY, 10-NOV-80

PLEASE LABEL THIS VOLUME!

--- IMAGE COPY OPERATION COMPLETED AT 01:22 PM

#### SUMMARY REPORT

IMAGE COPY OF DP0:NIKR TO DP1:NIKR

INPUT DEVICE: DP0:

PACK ID: NIKR

PACK CLUSTER SIZE: 2

CREATION DATE: MONDAY, 10-NOV-80

OUTPUT DEVICE: DP1:

PACK ID: NIKR

PACK CLUSTER SIZE: 2

CREATION DATE: MONDAY, 10-NOV-80

IMAGE COPY STARTED ON WEDNESDAY, 12-NOV-80, AT 01:17 PM

#### RUN STATISTICS

TRANSFER TOTALS:

TOTAL OF 23480 BLOCKS TRANSFERRED

ERROR TOTALS:

TOTAL OF 0 BAD COMPARES.

TOTAL OF 0 NEW BAD BLOCKS ENCOUNTERED ON SOURCE.

TOTAL OF 0 NEW BAD BLOCKS ENCOUNTERED ON DESTINATION.

0 FILES STRUCTURALLY ALTERED.

TIMING TOTALS:

TOTAL ELAPSED TIME: 0 HRS., 5 MINS., 31 SECS.

TOTAL WAIT TIME: 0 HRS., 0 MINS., 0 SECS.

TOTAL PROCESS TIME: 0 HRS., 5 MINS., 31 SECS.

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

SAVRES FUNCTION: 2

OPTION: REF

12-NOV-80?

01:23 PM?

DISK?

CLEAN? YES

DISK IS BEING CLEANED - WAIT ...

11/6 JERRDAT.FIL HAS A BAD BLOCK.  
DELETE? NO

REFRESH SUBOPTION?

OPTION:

YOU CURRENTLY HAVE: JOB MAX = 15, SWAP MAX = 31K.

YOU CURRENTLY HAVE CRASH DUMP ENABLED.

12-NOV-80?

01:25 PM?

INIT V7.0-07A RSTS V7.0-07 \* NIKA CORP \*

COMMAND FILE NAME?  
DETACHING...

HELLO 1/10  
PASSWORD:

>  
ORUN \$UTILITY  
UTILITY V7.0-07B RSTS V7.0-07 \* NIKA CORP \*  
#ADD RT11  
#ADD RMS11  
#ADD LIBRARY RMSRES/ADDR.92/REMOVE  
#ADD BASIC  
#ADD DICOMP  
#ADD DIBOL  
#ADD DISOLR  
#ADD FOCOMP  
#ADD FOCOMR  
#ADD TECO  
#EXIT  
>BYE/F

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



ATTACHING TO JOB 1  
DETACHING...

CC  
HELLO 1710  
PASSWORD:

>  
>RUN (1,2)UTILTY  
UTILTY V7.0-07B RSTS V7.0-07 \* NIKA CORP \*  
#ADD BASIC2.RTS  
#ADD BP2COM.RTS  
#CCL BP2-IC2=SY:(1,2)BASIC2.TSK;30000  
#NAME BP2COM=SY:(1,2)BASIC2.TSK  
#ADD LIBRARY SY:(0,1)BASICS.LIB/ADDR:116/REMOVE  
#EXIT  
>BYE/F

ATTACHING TO JOB 1  
DETACHING...

CC  
HELLO 1710  
PASSWORD:

>  
>RUN \$TTYSET  
TTYSET V7.0-07A RSTS V7.0-07 \* NIKA CORP \*  
TERMINAL CHARACTERISTICS PROGRAM  
? KB0:;FILL LA305;LC INPUT  
FOR KB0: ? KB8:;LA120;SPEED 4800  
FOR KB8: ? KB9:;VT100;SPEED 4800  
FOR KB9: ? EXIT  
>BYE/F

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

P/N 36-09829

digital

501609

ATTACHING TO JOB 1  
DETACHING...

HELLO 1/10  
PASSWORD:

DRUN SY:(1,7)OPSER  
OPSER V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
#DETACH  
DETACHING...

HELLO 1/10  
PASSWORD:  
JOB 2 IS DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT

DRUN SY:(1,7)QUEMAN  
QUEMAN V7.0-07 RSTS V7.0-07 \* NIKA CORP \*  
STARTED AT: 01:26 PM ON 12-NOV-80  
QUEUE FILE DATA CHECKED FOR CONSISTENCY  
# SPOOLERS ONLINE = 0; WILL CLEAR TABLE  
#  
JOB #3 QUEMAN PUT ONLINE  
DETACH/PRIORITY:0  
DETACHING C  
HELLO 1/10  
PASSWORD:  
JOBS 2 3 ARE DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
2 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

DRUN SY:(1,7)SPOOL  
SPOOL V7.0-07A RSTS V7.0-07 \* NIKA CORP \*  
#LPA:HEAD.1  
DETACHING...

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



CC  
HELLO 1710  
PASSWORD:  
JOBS 2 3 4 ARE DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
3 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

>RUN 54:(1,7)BATCH

JOB #4 'LP0SPL' PUT ONLINE  
BATCH V7.0-07B RST5 V7.0-07 \* NIKA CORP \*

MESSAGE 1 : 12-NOV-80 01:26 PM JOB:3 DET QUMRUN[1,10]  
LP0SPL (4) PUT ONLINE  
#BA0 /ERROR:FATAL/NOQUEUE/NODELETE  
DETACHING...

ATTACHING TO JOB 1  
DETACHING...

CC  
HELLO 1710  
PASSWORD:  
JOBS 2 3 4 5 ARE DETACHED UNDER THIS ACCOUNT  
JOB NUMBER TO ATTACH TO?  
4 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT

>  
JOB #5 'BA0SPL' PUT ONLINE

MESSAGE 2 : 12-NOV-80 01:27 PM JOB:3 DET QUMRUN[1,10]  
BA0SPL (5) PUT ONLINE

RUN \$UTILTY  
UTILITY V7.0-07B RST5 V7.0-07 \* NIKA CORP \*  
#CCL ATT-ACH=\$LOGIN.\*;PRIV 30000  
#CCL ATP-K=\$ATPK.\*;PRIV 30000  
#CCL BCK-=\$RMSBCK.TSK;0  
#CCL BPC-REF=\$BPCREF.\*;30000  
#CCL BYE-=\$LOGOUT.\*;PRIV 0  
#CCL CNV-=\$RMSCNV.TSK;0  
#CCL CRE-ATE=\$EDIT.\*;30000  
#CCL DEF-=\$RMSDEF.TSK;0  
#CCL DFN-=\$RMSDFN.TSK;0  
#CCL DES-=\$RMSDES.TSK;0  
#CCL DIS-MOUNT=\$UMOUNT.\*;PRIV 30000  
#CCL DI-RECTORY=\$DIRECT.\*;PRIV 30000  
#CCL DSP-=\$RMSDSP.TSK;0  
#CCL DTR-=\$DTR.TSK;0

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

501611

P/N 36-09829  
digital



```
#CCL EDT-=$EDT. TSK; 0
#CCL ED-IT=$EDIT. *; 30000
#CCL FIT-=$FIT. *; PRIV 30000
#CCL HELLO-=$LOGIN. *; PRIV 0
#CCL HELP-=$HELP. *; PRIV 30000
#CCL IFL-=$RMSIFL. TSK; 0
#CCL LBR-=$LBR. TSK; 0
#CCL LIBR-=$LIBR. SAV; 8208
#CCL LIN-K=$LINK. SAV; 8208
#CCL LOG-IN=$LOGIN. *; PRIV 0
#CCL MACR-O=$MACRO. SAV; 8216
#CCL MAC-=$MAC. TSK; 0
#CCL MAK-E=$TECO. TEC; 0
#CCL MOU-NT=$UMOUNT. *; PRIV 30000
#CCL MU-NG=$TECO. TEC; 0
#CCL PAT-=$PAT. TSK; 0
#CCL PIP-=$PIF. SAV; 8208
#CCL PL-EASE=$PLEASE. *; PRIV 30000
#CCL QU-EUE=$QUE. *; PRIV 30000
#CCL RST-=$RMSRST. TSK; PRIV 0
#CCL SE-T=$TTYSET. *; PRIV 30000
#CCL SRT-=$SORT. TSK; 0
#CCL SU-BMIT=$QUE. *; PRIV 30000
#CCL SW-ITCH=$SWITCH. *; PRIV 30000
#CCL SY-STAT=$SYSTAT. *; PRIV 30000
#CCL TE-CO=$TECO. TEC; 0
#CCL TKB-=$TKB. TSK; 0
#CCL TY-PE=$TYPE. TEC; 0
#CCL UT-ILTY=$UTILITY. *; 30000
#EXIT
>BYE/F
```

ATTACHING TO JOB 1  
DETACHING...

```
^C
HELLO 1/2
PASSWORD:
JOB 1 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT
```

```
>RUN SY:(1,2)UTILITY
UTILITY V7.0-07B RSTS V7.0-07 * NIKA CORP *
#REMOVE LOGICAL LB
#ADD LOGICAL SY:(1,1)LB
#EXIT
>BYE/F
```

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1



ATTACHING TO JOB 1  
RUN SY: (1,6)ERRINT  
100  
NO  
>  
ERRINT V7.0-07 RSTS V7.0-07 \* MIKA CORP \*  
ERRLOG FILE IS 2% FULL  
CHANGE SIZE TO < 100 >?  
UTILIZE CRASH FILE OUTPUT (YES/NO) <NO>?  
DETACHING

507613

P/N 36-09829

digital

20  
19  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4